

CERTIFIED COPY OF ORDER

STATE OF MISSOURI

December Session of the October Adjourned

Term. 20 17

County of Boone

} ea.

In the County Commission of said county, on the

12th

day of

December 20 17

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby award bid 43-09NOV17 – Shop Fluids Term & Supply to Champion Brands, LLC.

Terms of the bid award are stipulated in the attached Purchase Agreement. It is further ordered the Presiding Commissioner is hereby authorized to sign said Purchase Agreement.

Done this 12th day of December, 2017

ATTEST:

Taylor W. Burks
Taylor W. Burks
Clerk of the County Commission

Daniel K. Atwill
Daniel K. Atwill
Presiding Commissioner

Fred J. Parry
Fred J. Parry
District I Commissioner

Janet M. Thompson
Janet M. Thompson
District II Commissioner

Boone County Purchasing

Robert Wilson
Buyer



613 E. Ash Street, Room 111
Columbia, MO 65201
Phone: (573) 886-4393
Fax: (573) 886-4390

MEMORANDUM

TO: Boone County Commission
FROM: Robert Wilson
DATE: November 29, 2017
RE: 43-09NOV17- Shop Fluids – Term & Supply

43-09NOV17- Shop Fluids – Term & Supply opened on November 09, 2017. Four (4) bids were received. Public Works recommends award by low bid to Champion Brands, LLC.

This is a term and supply contract and will be paid from department 2040 – Public Works – Maintenance Operations, account 59050 – Engine Fluids.

att: Bid Tab

cc: Greg Edington, Public Works

Bid File

43-09NOV17 - Shop Fluids Term and Supply

542-2017

BIO TABULATION				Heathwood Oil Company			Dennis Oil Company					
ITEM #	Unit of Measure	DESCRIPTION	QTY	Proposed Brand	UNIT PRICE	EXT PRICE (Qty x Unit Price)	Proposed Brand	UNIT PRICE	EXT PRICE (Qty x Unit Price)	Options		
4.8.1.	GAL	Universal Tractor Fluid	500	PA Tractor Fluid	4.41	\$2,205.00	DOC	5.92	\$2,960.00			
4.8.2.	2.5 GAL Container	Universal Tractor Fluid	8	PA Tractor Fluid	5.76/Gal	\$115.20	DOC	20.75	\$166.00			
4.8.3.	GAL	Universal Tractor Fluid	8	No Bid	No bid	No Bid	DOC	8.17	\$65.36			
4.8.4.	GAL	15W-40 (Extended Service)	2750		5.78	\$15,895.00	DOC	7.80	\$21,450.00			
4.8.5.	2.5 GAL Container	15W-40 (Extended Service)	8		7.13/Gal	\$142.60	DOC	25.43	\$203.44			
4.8.6.	GAL	15W-40 (Extended Service)	8	No Bid	No bid	No Bid	DOC	10.17	\$81.36			
4.8.7.	GAL	Hydraulic Oil (ISO-46)	500	PA AW 46	3.89	\$1,945.00	DOC	5.90	\$2,950.00			
4.8.8.	2.5 GAL Container	Hydraulic Oil (ISO-46)	8	PA AW 46	5.24/gal	\$104.80	DOC	17.48	\$139.84			
4.8.9.	GAL	Hydraulic Oil (ISO-46)	8	No Bid	No bid	No Bid	DOC	6.99	\$55.92			
4.8.10.	GAL	Coolant (DexCool or equal)	60	Peak	8.20	\$492.00	DOC	7.90	\$474.00			
4.8.11.	GAL	Coolant (Extended Life) 50/50	18	OW Final Charge	7.59	\$136.62	DOC	7.90	\$142.20			
4.8.12.	55 GAL Barrel	Coolant (Extended Life) 50/50	220	OW Final Charge	7.35/gal	\$88,935.00	DOC	269.00	\$59,180.00			
4.8.13.	QTS	Gear Lubricant 75w90 syn	24	Syngard	4.75	\$114.00	Valvoline	11.72	\$281.28			
4.8.14.	55 GAL Barrel	Gear Lubricant 75w90 syn	1	Cigo HDS	1,090.91	\$1,090.91	DOC	1,012.00	\$1,012.00			
4.8.15.	Tube	Grease (cartridge) NLGI #2	40	NWWB	1.99	\$79.60	DOC	2.95	\$118.00			
4.8.16.	Tube	Grease (cartridge) NLGI	40	Cigo CM #1	2.31	\$92.40	Lubriplate	5.70	\$228.00			
4.8.17.	120 lb Barrel	Grease NLGI #2	1	NWWB	279.77	\$279.77	DOC	290.00	\$290.00			
4.8.18.	GAL	ATF	8	PA Full Syn ATF	9.62	\$76.96	DOC Dex VI	15.00	\$120.00	DOC Syn295	16.00	\$128.00
4.8.19.	55 GAL Barrel	ATF	4	PA Full Syn ATF	454.85	\$1,819.40	DOC Dex VI	527.00	\$2,108.00	DOC Syn295	783.00	\$3,132.00
4.8.20.	1 Qt Container	0W-20	60	Syngard 0/20	2.89	\$173.40	Dexos Mag1	4.34	\$260.40			
4.8.21.	55 GAL Barrel	5W-40	6	PA 5/40	689.70	\$4,138.20	DOC	927.40	\$5,564.40			
4.8.22.	1 Qt Container	5W-20	60	Syngard 5/20	2.89	\$173.40	DOC	2.36	\$141.60			
4.8.23.	1 Qt Container	5W-30	300	Syngard 5/30	2.89	\$867.00	DOC	2.36	\$708.00			
4.8.24.	1 Qt Container	10W-30	12	No Bid	No bid	No Bid	DOC	2.36	\$28.32			
4.8.25.	1 Qt Container	Power Steering Fluid	12	No Bid	No bid	No Bid	Valvoline	2.28	\$27.36			
4.8.26.	55 GAL Barrel	Propylene Glycol (50/50)	4	No Bid	No bid	No Bid	DOC	690.00	\$2,760.00			
4.8.27.	5 GAL Container	Propylene Glycol (50/50)	10	No Bid	No bid	No Bid	DOC	85.00	\$850.00			
4.8.28.	2.5 GAL Container	Diesel Exhaust Fluid	75	BlueDef	7.04	\$528.00	DOC	8.50	\$637.50			
4.8.29.	GAL	Diesel Exhaust Fluid Bladder 5Lid Mounted	3300	Ultra Pure	1.33	\$4,389.00	DOC	1.44	\$4,752.00			
4.8.30.	55 GAL Barrel	Hydraulic Oil (ISO-68)	2	PA AW68	251.35	\$502.70	DOC	375.00	\$750.00			
4.8.31.	2.5 GAL Container	Hydraulic Oil (ISO-68)	8	PA AW68	5.42/Gal	\$108.40	DOC	22.50	\$180.00			
4.8.32.	per	Oil Hose Reel	1	American	429.00	\$429.00	Samson	445.90	\$445.90			
4.8.33.	per	Electronic Meter	1	American	337.00	\$337.00	Liquid Dynamics	816.40	\$816.40			
(Optional) 4.8.34	per	Stub Pump	1	Doughton	495.00	\$495.00	Liquid Dynamics	499.00	\$499.00			
(Optional) 4.8.35	per	Storage Tank	1	We-Mac	499.00	\$499.00	Liquid Dynamics	479.00	\$479.00			
4.8.36	TOTAL (4.8.1 - 4.8.35)					\$126,164.36			\$110,925.28			
4.9.	Maximum % Increase / Decrease for any renewal period			15%			3%					
4.10.	Minimum discount from list for all products introduced after inception of the contract and all existing products not specified herein			5%			0%					
4.11.	Delivery ARO			within 8 working days			3-5 days					
4.12.	Cooperative Purchasing (Y or N)			N			Y					

No Bids
Champion Laboratories

542-2017

ITEM #	Champion Brands									Carquest		
	Proposed Brand	UNIT PRICE	EXT PRICE (Qty x Unit Price)	Options			Options			Proposed Brand	UNIT PRICE	EXT PRICE (Qty x Unit Price)
4.8.1.	Champion 4000	5.62	\$2,810.00							No Bid	No Bid	No Bid
4.8.2.	Champion 4000	16.90	\$135.20							Carquest 760-05	47.89/5 Gal	\$191.32
4.8.3.	Champion 4000	7.02	\$36.16							Carquest 760-01	12.87	\$102.96
4.8.4.	Champ. 4152AB	7.04	\$19,360.00	Ch. AFT 15W40	8.39	\$23,072.50	Ch. UltraFleet 15W40	9.39	\$25,822.50	No Bid	No Bid	No Bid
4.8.5.	Champ. 4152U	20.68	\$165.44	Ch. AFT 15W40	22.05	\$176.40	Ch. UltraFleet 15W40	23.34	\$186.72	Carquest CQ645-S	56.99/5 Gal	\$227.96
4.8.6.	Champ. 4152N	8.45	\$67.60	Ch. AFT 15W40	9.26	\$74.08	Ch. UltraFleet 15W40	10.24	\$81.92	Carquest CQ645-IG	12.34	\$98.72
4.8.7.	Champ. 4180AB	4.97	\$2,485.00							No Bid	No Bid	No Bid
4.8.8.	Champ. 4180D	15.75	\$126.00							Carquest 946-05	43.23/5 Gal	\$172.92
4.8.9.	Champ. 4180N	6.30	\$50.40							Carquest 946-01	12.87	\$102.96
4.8.10.	Champ. 4119P	7.71	\$462.60							Carquest 501	15.19	\$911.10
4.8.11.	Champ. 4116F	5.05	\$90.90							Carquest 301	14.24	\$256.32
4.8.12.	Champ. 4116AN	4.64/gal	\$56,144.00	Fleet Charge	297.00	\$65,340.00				Peak PSA0B1	880.64	\$193,740.80
4.8.13.	Champ. 4314H	6.95	\$166.80							Carquest 685-32	9.19	\$220.56
4.8.14.	Champ. 4314AN	925.98	\$925.98							Valvoline VV7002b	2142.02	\$2,142.02
4.8.15.	Champ. 4053T	2.30	\$92.00							Carquest 614-14	3.67	\$146.80
4.8.16.	Royal 951TAT	3.77	\$150.80							Carquest 816-14	3.95	\$158.00
4.8.17.	Champ. 4053C	298.90	\$298.90							Carquest 614-120	349.59	\$349.59
4.8.18.	Ch. Global Trans4357N	14.29	\$114.32							Carquest CQ420-IG	18.04	\$144.32
4.8.19.	Ch. Global Trans4357AB	670.40	\$2,681.60							Carquest CQ420-55	759.98	\$3,039.96
4.8.20.	Ch. SynGold 4429H/b	3.65	\$219.00							Carquest CQ900	5.41	\$324.60
4.8.21.	Ch. AFT 4173A	1,303.48	\$7,820.88							Carquest	116.15/6 Gal Box	\$6,388.25
4.8.22.	Ch. SynGold 4430H/b	3.40	\$204.00							Carquest CQ920	5.41	\$324.60
4.8.23.	Ch. SynGold 4431H/b	3.60	\$1,080.00							Carquest CQ930	5.41	\$1,623.00
4.8.24.	Champ. 4232H	1.77	\$21.24							Carquest CQ940	5.41	\$64.92
4.8.25.	Champ. 4182H	2.28	\$27.36							Carquest	4.96	\$59.52
4.8.26.		421.30	\$1,685.20							No Bid	No Bid	No Bid
4.8.27.		91.04	\$910.40							Prestone	6.64/Gal	\$332.00
4.8.28.	KDEF002	7.50	\$562.50							Peak DEF002	13.79	\$1,034.25
4.8.29.	BltoDef 9585T	1.32	\$4,356.00							Peak DEF330P	3.90	\$12,879.90
4.8.30.	Champ. 4268A	421.30	\$842.60							Carquest 968-55	439.99	\$879.98
4.8.31.	Champ. 4268U	23.50	\$188.00							Carquest 968-05	43.23	\$345.84
4.8.32.	8078B	397.75	\$397.75							No Bid	No Bid	No Bid
4.8.33.	3670B	268.00	\$268.00							No Bid	No Bid	No Bid
(Optional) 4.8.34.	9968	450.00	\$450.00							No Bid	No Bid	No Bid
(Optional) 4.8.35.	3300T	960.00	\$960.00							No Bid	No Bid	No Bid
4.8.36.			\$106,376.63									\$228,263.47
4.9.	No Response									Varies		
4.10.	No Response									No Response		
4.11.	2-10 days									1 Day		
4.12.	Y									Y		

**PURCHASE AGREEMENT
FOR
SHOP FLUIDS - TERM & SUPPLY**

THIS AGREEMENT dated the 12th day of December 2017 is made between Boone County, Missouri, a political subdivision of the State of Missouri through the Boone County Commission, herein "County" and **Champion Brands, LLC**, herein "Contractor."

IN CONSIDERATION of the parties performance of the respective obligations contained herein, the parties agree as follows:

1. Contract Documents - This agreement shall consist of this Purchase Agreement, County of Boone Request for Bid for **Shop Fluids - Term & Supply**, bid number **43-09NOV17**, Introduction and General Conditions of Bidding, Primary Specifications, Response Presentation and Review, any applicable addenda, the unexecuted Response Form, Standard Terms and Conditions, as well as the Contractor's bid response dated **November 1, 2017** and executed by **R.S. Pereles** on behalf of the Contractor. All such documents shall constitute the contract documents which are attached hereto and incorporated herein by reference. Service or product data, specification and literature submitted with bid response may be permanently maintained in the County Purchasing Office bid file for this bid if not attached. In the event of conflict between any of the foregoing documents, the Introduction and General Conditions of Bidding, this Purchases Agreement, the Primary Specifications, Response Presentation and Review, the unexecuted Response Form, Standard Terms and Conditions, and applicable Addenda shall prevail and control over the Contractor's bid response.

2. Contract Duration - This agreement shall commence on **January 1, 2018** and extend **through June 30, 2018** subject to the provisions for termination specified below. This agreement may be extended beyond the expiration date by order of the County for **five (5) additional six-month periods** subject to the pricing clauses in the Contractor's bid response and thereafter on a month to month basis for a maximum of six (6) months in the event the County is unable to re-bid and/or award a new contract prior to the expiration date after exercising diligent efforts to do so or not.

3. Basic Services - The County agrees to purchase from the Contractor and the Contractor agrees to supply the County with **Shop Fluids**. Items will be provided as required in the bid specifications and in conformity with the contract documents for the prices set forth in the Contractor's bid response, as needed and as ordered by County.

4. Delivery - Contractor agrees to provide the items within 2 – 10 days after receipt of order as specified and as agreed to in the bid specifications.

5. Billing and Payment - All billing shall be invoiced to Boone County Public Works Department, 5551 Tom Bass Rd., Columbia, MO 65201. Billings may only include the prices listed in the Contractor's bid response. No additional fees for delivery or extra services not included in the bid response or taxes shall be included as additional charges in excess of the charges in the Contractor's bid response to the specifications. The County agrees to pay all correct monthly statements within thirty days of receipt, all monthly statements must also have copies of applicable invoices; Contractor agrees to honor any cash or prompt payment discounts offered in its bid response if county makes payment as provided therein. In the event of a billing dispute, the County reserves the right to withhold payment on the disputed amount; in the event the billing dispute is resolved in favor of the Contractor, the County agrees to pay interest at a rate of 9% per annum on disputed amounts withheld commencing from the last date that payment was due.

6. Binding Effect - This agreement shall be binding upon the parties hereto and their successors and assigns for so long as this agreement remains in full force and effect.

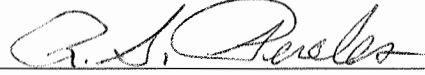
7. Entire Agreement - This agreement constitutes the entire agreement between the parties and supersedes any prior negotiations, written or verbal, and any other bid or bid specification or contractual agreement. This agreement may only be amended by a signed writing executed with the same formality as this agreement.

8. Termination - This agreement may be terminated by the County upon thirty days advance written notice for any of the following reasons or under any of the following circumstances:

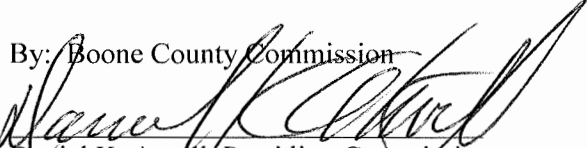
- a. County may terminate this agreement due to material breach of any term or condition of this agreement, or
- b. County may terminate this agreement if in the opinion of the Boone County Commission if delivery of products are delayed or products delivered are not in conformity with bidding specifications or variances authorized by County, or
- c. If appropriations are not made available and budgeted for any calendar year.

IN WITNESS WHEREOF the parties through their duly authorized representatives have executed this agreement on the day and year first above written.

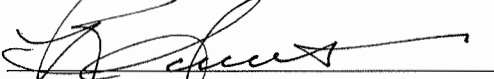
CHAMPION BRANDS, LLC

By 
Title Gen. Mgr.

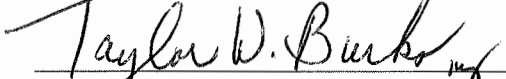
BOONE COUNTY, MISSOURI

By: Boone County Commission

Daniel K. Atwill, Presiding Commissioner

APPROVED AS TO FORM:

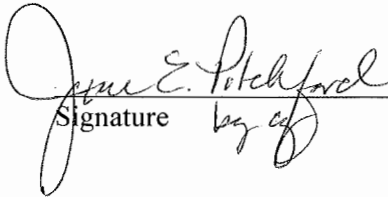

County Counselor

ATTEST:


County Clerk

AUDITOR CERTIFICATION

In accordance with RSMo 50.660, I hereby certify that a sufficient unencumbered appropriation balance exists and is available to satisfy the obligation(s) arising from this contract. (Note: Certification of this contract is not required if the terms of this contract do not create a measurable county obligation at this time.)


Signature by ef

12/4/17
Date

2040 / 59050 Term and Supply
No Encumbrance Required
Appropriation Account

STANDARD TERMS AND CONDITIONS - BOONE COUNTY, MISSOURI

1. Contractor shall comply with all applicable federal, state, and local laws and failure to do so, in County's sole discretion, shall give County the right to terminate this Contract.
2. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Bid and/or Proposal.
3. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
4. Bidders must use the bid forms provided for the purpose of submitting bids, must return the bid and bid sheets comprised in this bid, give the unit price, extended totals, and sign the bid. The Purchasing Director reserves the right, when only one bid has been received by the bid closing date, to delay the opening of bids to another date and time in order to revise specifications and/or establish further competition for the commodity or service required. The one (1) bid received will be retained unopened until the new Closing date, or at request of bidder, returned unopened for re-submittal at the new date and time of bid closing.
5. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
6. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
7. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
8. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
9. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
10. Failure to deliver as guaranteed may disqualify Bidder from future bidding.
11. Prices must be as stated in units of quantity specified, and must be firm. Bids qualified by escalator clauses may not be considered unless specified in the bid specifications.
12. No bid transmitted by fax machine or e-mail will be accepted.
13. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
14. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms. The resulting contract will be considered "Non-Exclusive". The County reserves the right to purchase from other vendors.
15. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and

regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the *Federal Transit Administration's Best Practices Procurement Manual – Appendix A*. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.

16. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
17. Should an audit of Contractor's invoices during the term of the Agreement, and any renewals thereof, indicate that the County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30-days of being notified of the same.
18. **For all titled vehicles and equipment the dealer must use the actual delivery date to the County on all transfer documents** including the Certificate of Origin (COO,) Manufacturer's Statement of Origin (MSO,) Bill of Sale (BOS,) and Application for Title.
19. **Equipment and serial and model numbers** - The contractor is strongly encouraged to include equipment serial and model numbers for all amounts invoiced to the County. If equipment serial and model numbers are not provided on the face of the invoice, such information may be required by the County before issuing payment.



Request for Bid (RFB)

Boone County Purchasing
613 E. Ash Street, Room 109
Columbia, MO 65201

Robert Wilson, Buyer
(573) 886-4393 – Fax: (573) 886-4390
Email: rwilson@boonecountymo.org

Bid Data

Bid Number: 43-09NOV17
Commodity Title: Shop Fluids - Term and Supply

DIRECT BID FORMAT OR SUBMISSION QUESTIONS TO THE PURCHASING DEPARTMENT

Bid Submission Address and Deadline

Day / Date: Thursday, November 09, 2017
Time: 2:00 P.M. (Bids received after this time will be returned unopened)
Location / Mail Address: Boone County Purchasing Department
Boone County Annex Building
613 E. Ash Street, Room 109
Columbia, MO 65201
Directions: The Annex Building is located on the Northwest corner at 7th Street and Ash Street. Enter the building from the South Side. Wheel chair accessible entrance is available on the South side of the building.

Bid Opening

Day / Date: Thursday, November 09, 2017
Time: 2:00 P.M. (Bids received after this time will be returned unopened)
Location / Address: Boone County Annex Building
613 E. Ash Street, Room 109
Columbia, MO 65201

Bid Contents

- 1.0: Introduction and General Conditions of Bidding
- 2.0: Primary Specifications
- 3.0: Response Presentation and Review
- 4.0: Response Form
Debarment Certification
Standard Terms and Conditions

1. Introduction and General Conditions of Bidding

- 1.1. **INVITATION** - The County of Boone, through its Purchasing Department, invites responses, which offer to provide the goods and/or services identified on the title page, and described in greater detail in Section 2.
- 1.2. **DEFINITIONS**
- 1.2.1. **County** - This term refers to the County of Boone, a duly organized public entity. It may also be used as a pronoun for various subsets of the County organization, including, as the context will indicate:
Purchasing - The Purchasing Department, including its Purchasing Director and staff.
Department(s) or Office(s) - The County Department(s) or Office(s) for which this Bid is prepared, and which will be the end user(s) of the goods and/or services sought.
Designee - The County employee(s) assigned as your primary contact(s) for interaction regarding Contract performance.
- 1.2.2. **Bidder / Contractor / Supplier** - These terms refer generally to businesses having some sort of relationship to or with us. The term may apply differently to different classes of entities, as the context will indicate.
Bidder - Any business entity submitting a response to this Bid. Suppliers, which may be invited to respond, or which express interest in this bid, but which do not submit a response, have no obligations with respect to the bid requirements.
Contractor - The Bidder whose response to this bid is found by Purchasing to meet the best interests of the County. The Contractor will be selected for award, and will enter into a Contract for provision of the goods and/or services described in the Bid.
Supplier - All business(s) entities which may provide the subject goods and/or services.
- 1.2.3. **Bid** - This entire document, including attachments. A Bid may be used to solicit various kinds of information. The kind of information this Bid seeks is indicated by the title appearing at the top of the first page. A "Request for Bid" is used when the need is well defined. A "Request for Proposal" is used when the County will consider solutions, which may vary significantly from each other or from the County's initial expectations.
- 1.2.4. **Response** - The written, sealed document submitted according to the Bid instructions.
- 1.3. **BID CLARIFICATION** - Questions regarding this Bid should be directed in writing, by e-mail or fax, to the Purchasing Department. Answers, citing the question asked but not identifying the questioner, will be distributed simultaneously to all known prospective Bidders in the form of an addendum. We strongly suggest that you check for any addenda a minimum of [forty-eight] hours in advance of the bid deadline. Bids, addendums, bid tabulations and bid awards are posted on our web site at: www.showmeboone.com
 Note: written requirements in the Bid or its Amendments are binding, but any oral communications between County and Bidder are not.
- 1.3.1. **Bidder Responsibility** - The Bidder is expected to be thoroughly familiar with all specifications and requirements of this Bid. Bidder's failure or omission to examine any relevant form, article, site or document will not relieve them from any obligation regarding this Bid. By submitting a Response, Bidder is presumed to concur with all terms, conditions and specifications of this Bid.
- 1.3.2. **Bid Amendment** - If it becomes evident that this Bid must be amended, the Purchasing Department will issue a formal written Amendment to all known prospective Bidders. If necessary, a new due date will be established.
- 1.4. **AWARD** - Award will be made to the Bidder(s) whose offer(s) provide the greatest value to the County from the standpoint of suitability to purpose, quality, service, previous experience, price, lifecycle cost, ability to deliver, or for any other reason deemed by Purchasing to be in the best interest of the County. Thus, the result will not be determined by price alone. The County will be seeking the least costly outcome that meets the County needs as interpreted by the County. The County reserves the right to award this bid on an item by item basis, or an "all or none" basis, whichever is in the best interest of the County. If a split award is not acceptable to a bidder, it must be stated in the bid response.

- 1.5. **CONTRACT EXECUTION** - This Bid and the Contractor's Response will be made part of any resultant Contract and will be incorporated in the Contract as set forth, verbatim.
- 1.5.1. **Precedence** - In the event of contradictions or conflicts between the provisions of the documents comprising this Contract, they will be resolved by giving precedence in the following order:
- 1) the provisions of the Contract (as it may be amended);
 - 2) the provisions of the Bid;
 - 3) the provisions of the Bidder's Response.
- 1.6. **CONTRACT PERIOD** - The Term and Supply Contract period shall be from **January 1, 2018 through June 30, 2018 and may be automatically renewed for up to an additional five (5) six month periods** unless canceled by the Purchasing Director in writing prior to a renewal term.
- 1.6.1. **Contract Extension** - The County Purchasing Director may exercise the option to extend the contract on a month to month basis for a maximum of 6 months from the date of termination if it is deemed to be in the best interest of Boone County.
- 1.6.2. **Contract Documents** - The successful bidder(s) shall be obligated to enter into a written contract with the County within 30 days of award on contract forms provided by the County. If bidders desire to contract under their own written agreement, any such proposed agreement shall be submitted in blank with their bid. County reserves the right to modify any proposed form agreement or withdraw its award to a successful bidder if any proposed agreement contains terms and conditions inconsistent with its bid or are unacceptable to county legal counsel.
- 1.7. **COMPLIANCE WITH STANDARD TERMS AND CONDITIONS** - Bidder agrees to be bound by the County's standard "boilerplate" terms and conditions for Contracts, a sample of which is attached to this Bid.

2. Primary Specifications

- 2.1. **ITEMS TO BE PROVIDED** - Boone County, hereafter referred to as "County", proposes to contract with an individual(s) or organization(s), hereinafter referred to as "Contractor" for a Term and Supply contract for the Furnishing and Delivery of **Shop Fluids and Petroleum Products** as needed for the Boone County Public Works Department.
- 2.1.1. **Standard Shop Fluids and Petroleum Products** – Section 4.8. of this request lists standard shop fluids and petroleum products the County has identified as standard items to be purchased from this contract(s). **Bidder(s) shall provide ONLY brand name products when specified on the Bid Response sheet (No other equals will be accepted).** Bidders shall price each item listed. Prices will be firm for the initial contract period. Bidders must provide a maximum percentage cost increase for all contract periods for these items. Product spec sheet to be provided for each item.
- 2.2. **Material Specifications:**
- 2.2.1. **Universal Tractor Fluid** – Premium hydraulic/transmission fluid that exceeds the refill and service top-off needs of farm and industrial tractor transmission, differentials, and immersed disc brakes. Must meet or exceed Viscosity Index 145 or higher, John Deere J20C. Bulk tank capacity is 250 Gallons.
- 2.2.2. **15W-40 (Extended Service Interval) Heavy duty 15W-40 diesel engine oil performance requirements; API service rating of CK-4/SL, Detroit Diesel DFS93K222, CUMMINS CES 20086 and 10 TBN or higher.** Bulk tank capacity is 250 Gallons.
- 2.2.3. **Hydraulic Oil (ISO-46)** – Premium industrial hydraulic oil for hydraulically activated equipment that utilizes high-performance pumps. Approvals to include Vickers 35VQ25 pump test and Denison HF-O pump test. Must also have minimum oxidation life of 5,000 hours per ASTM D943 (hours to TAN 2.0) Viscosity Index of 98 or higher. Bulk tank capacity is 250 Gallons.
- 2.2.4. **Hydraulic Oil (ISO-68)** – All Season hydraulic oil for hydraulically activated equipment that utilizes high-performance pumps. Parker HF-O, HF-1, HF-2, Viscosity Index of 165 or higher and minimum oxidation life of 7,000 hours per ASTM D943
- 2.2.5. **Coolant – Universal extended life coolant,** meets ASTM D-3306 and D-4340. 50/50 mixture. 1 Gallon Containers.
- 2.2.6. **Coolant – Fleet Charge or equal, heavy duty extended life coolant (Cat EC-1 spec.)** 50/50 pre-diluted mixture. 55 Gallon Drums.
- 2.2.7. **Gear Lubricant** – SAE 75-90W Full synthetic gear lube, API GL-5. 55 Barrel / Quart Containers.
- 2.2.8. **Grease – High Temperature Lithium Complex NLGI #2.** Dropping point 550 F or higher, Timken load 70 or higher. Cartridge type 10-14 oz. Quantities are per box (10 – 12 cartridges/box).
- 2.2.9. **Grease – High Performance Multi Purpose HD,** Extreme pressure with 5% Moly, NLGI1; GC-LB. Quantities are per box (10-12 cartridges/box).
- 2.2.10. **Grease - High Temperature Lithium Complex NLGI #2.** 120-pound barrel.
- 2.2.11. **Transmission Fluid** – Global Full Synthetic Automatic Transmission Fluid meeting specifications for GM (Dexron, Dexron II, IID, IIIG, IIIH, VI); Ford (Mercon, Mercon V, SP, LV, FNR5); and Allison (C-4, TES-295). 55 Gallon Drums.
- 2.2.12. **Engine Oil – SAE 0W-20 Full Synthetic,** API service rating SN Resource Conserving, ILSAC GF-5, ACEA A1/B1. 1 Quart Containers.
- 2.2.13. **Engine Oil – SAE 5W-40 Full Synthetic,** Meets or exceeds API service levels CJ-4, CI-4/Plus, CH-4, CG-4, CF-4. 55 Gallon Drum.
- 2.2.14. **Engine Oil – SAE 5W-20 Full Synthetic,** API service rating SN Resource Conserving, ILSAC GF-5, ACEA A1/B1. 1 Quart Containers.
- 2.2.15. **Engine Oil – SAE 5W-30 Full Synthetic,** API service rating SN Resource Conserving, ILSAC GF-5, ACEA A1/A5, B1/B5. 1 Quart Containers.
- 2.2.16. **Power Steering Fluid** – Ford, GM and Chrysler power steering units. 1 Quart Containers.
- 2.2.17. **Propylene Glycol** – Environmentally safe coolant. Sierra brand or equal, 50/50 mixture. 55 Gallon Drums and 5 Gallon Containers. For use in boiler systems.
- 2.2.18. **Diesel Exhaust Fluid** – API & ISO 22241-1 Certified; Meets AUS-32 Specifications

- 2.2.19. **Heavy Duty Reel-** 50ft. for Oil& ATF
- 2.2.20. **Electronic Meter/** qts. /gal. (Rigid/ Flexible Nozzle)
- 2.2.21. **(Optional) 5:1 Stub Pump-** oil, gear lube (barrel/ tank mount)
- 2.2.22. **(Optional) Storage Tank-** 330 Gal. Vertical steel tank stand-alone UL listed, 2” NPT top of tank ports (min. of 5), lockable fill cap, tank level gauge
- 2.3. **Quantity** - All orders will be made on an “as needed basis.” The quantities specified herein are estimates only based on past usage and anticipated future requirements, and as such, do not constitute a guarantee on the part of the County.
- 2.4. **DESIGNEE** - Boone County Public Works Department, Greg Edington, Director Public Works, 5551 Tom Bass Rd., Columbia, Missouri 65201.
- 2.5. **BID CLARIFICATION** - Any questions or clarifications concerning bid documents should be addressed to Robert Wilson, Buyer, Boone County Purchasing, 613 E. Ash St., Room 109, Columbia, Missouri 65201. Telephone (573) 886-4393 Fax (573) 886-4390, E-mail: rwilson@boonecountymo.org.
- 2.6. **DELIVERY** - Boone County Public Works Department, 5551 Tom Bass Rd., Columbia, Missouri 65201.
- 2.6.1. **Delivery Terms** - FOB Destination – Inside Delivery, with freight charges fully included and prepaid. The seller pays and bears the freight charges. Contractor shall have a maximum of three (3) business days to deliver product upon notification from receipt of an order.

3. *Response Presentation and Review*

- 3.1. **RESPONSE CONTENT** - In order to enable direct comparison of competing Responses, you must submit your Response in strict conformity to the requirements stated here. Failure to adhere to all requirements may result in your Response being disqualified as non-responsive. All Responses must be submitted using the provided Response Sheet. Every question must be answered and if not applicable, the section must contain "N/A" or "No Bid". Manufacturer's published specifications for the items requested shall be included with the response.
- 3.2. **SUBMITTAL OF RESPONSES** - Responses MUST be received by the date and time noted on the title page under "Bid Submission Information and Deadline". NO EXCEPTIONS. We are not responsible for late or incorrect deliveries from the US Postal Service or any other mail carrier.
 - 3.2.1. **Submittal Package** - Submit, to the location specified on the title page, **three (3) complete copies** of your Response in a single sealed envelope, clearly marked on the outside with your company name and return address, the proposal number and the due date and time.
 - 3.2.2. **Advice of Award** - A Bid Tabulation of responses received as well as Award status can be viewed at www.showmeboone.com under Purchasing Department.
- 3.3. **BID OPENING** - On the date and time and at the location specified on the title page under "Bid Opening", all Responses will be opened in public. Brief summary information from each will be read aloud.
 - 3.3.1. **Removal from Vendor Database** - If any prospective Bidder currently in our Vendor Database to whom the Bid was sent elects not to submit a Response and fails to reply in writing stating reasons for not bidding, that Bidder's name may be removed from our database. Other reasons for removal include unwillingness or inability to show financial responsibility, reported poor performance, unsatisfactory service, or repeated inability to meet delivery requirements.
- 3.4. **RESPONSE CLARIFICATION** - We reserve the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.
 - 3.4.1. **Rejection or Correction of Responses** - We reserve the right to reject any or all Responses. Minor irregularities or informalities in any Response which are immaterial or inconsequential in nature, and are neither affected by law nor at substantial variance with Bid conditions, may be waived at our discretion whenever it is determined to be in the County's best interest.
- 3.5. **EVALUATION PROCESS** - Our sole purpose in the evaluation process is to determine from among the Responses received which one is best suited to meet the County's needs at the lowest possible cost. Any final analysis or weighted point score does not imply that one Bidder is superior to another, but simply that in our judgment the Contractor selected appears to offer the best overall solution for our current and anticipated needs at the lowest possible cost.
 - 3.5.1. **Method of Evaluation** - We will evaluate submitted responses in relation to all aspects of this Bid.
 - 3.5.2. **Acceptability** - We reserve the sole right to determine whether goods and/or services offered are acceptable for our use.
 - 3.5.3. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
 - 3.5.4. **Endurance of Pricing** - Your pricing must be held until contract execution or 60 days, whichever comes first.

4. Response Form

- 4.1. Company Name: Champion Fluids, LLC
- 4.2. Address: 1001 Golden Drive
- 4.3. City/Zip: Clinton, MO 64735
- 4.4. Phone Number: 660-225-8151
- 4.5. Fax Number: 660-225-2807
- 4.6. Federal Tax ID: 43-1791142
- 4.6.1. Corporation
 Partnership - Name LLC
 Individual/Proprietorship - Individual Name _____
 Other (Specify) _____
- 4.7. PAYMENT
- 4.7.1. Prompt Payment Terms: Net 30
- 4.7.2. Will you accept automated clearinghouse (ACH) for payment of invoices?
Yes

4.8. Pricing – please bid by unit of measure listed in this table

ITEM #	Unit of Measure	DESCRIPTION	Proposed Brand	QTY	UNIT PRICE	EXT PRICE (Qty x Unit Price)
4.8.1	GAL (BULK)	Universal Tractor Fluid	Champion 4000	500	\$ 5.62	\$ 2,810.00
4.8.2	2.5 GAL	Universal Tractor Fluid	Champion 4000	8	\$ 16.90	\$ 135.20
4.8.3	GAL	Universal Tractor Fluid	Champion 4000	8	\$ 7.02	\$ 56.16
4.8.4	GAL (BULK)	15W-40 (Extended Service)	Chomp. 41521E	2,750	\$ 7.04	\$ 19,360.00
4.8.5	2.5 GAL	15W-40 (Extended Service)	Chomp. 41521L	8	\$ 20.68	\$ 165.44
4.8.6	GAL	15W-40 (Extended Service)	Chomp. 41521H	8	\$ 8.45	\$ 67.60
4.8.7	GAL (BULK)	Hydraulic Oil (ISO-46)	Chomp 41810	500	\$ 4.97	\$ 2,485.00
4.8.8	2.5 GAL	Hydraulic Oil (ISO-46)	Chomp 41810	8	\$ 15.75	\$ 126.00
4.8.9	GAL	Hydraulic Oil (ISO-46)	Chomp 41810	8	\$ 6.30	\$ 50.40
4.8.10	GAL	Coolant (DexCool or equal)	Chomp 4119F	60	\$ 7.71	\$ 462.60
4.8.11	GAL	Coolant (Extended Life) 50/50.	Chomp 4115F	18	\$ 5.05	\$ 90.90
4.8.12	55 GAL barrel	Coolant (Extended Life) 50/50.	Chomp. 4116AN	220	\$ 4.61	\$ 255.20
4.8.13	QTS	Gear Lubricant 75w90 syn.	Chomp. 4314H	24	\$ 6.95	\$ 166.80
4.8.14	55 GAL. barrel	Gear Lubricant 75w90 syn.	Chomp. 4314H	1	\$ 925.78	\$ 925.78

4.8.15	Tube	Grease (Cartridge) NLGI #2	Champ 4053T	40	\$ 2.30	\$ 92.00
4.8.16	Tube	Grease (Cartridge) NLGI	Royal 95170T	40	\$ 3.77	\$ 150.80
4.8.17	120 lb. barrel	Grease NLGI #2	Champ 4053C	1	\$ 298.90	\$ 298.90
4.8.18	GAL	Automatic Transmission Fluid	Ch. Global Trans 4257N	8	\$ 14.29	\$ 114.32
4.8.19	55 GAL barrel	Automatic Transmission Fluid	Ch. Global Trans 4257AB	4	\$ 670.40	\$ 2,681.60
4.8.20	1 QT container	0W-20 Full Synthetic	Ch. SynGold 4439H/B	60	\$ 3.65	\$ 219.00
4.8.21	55 GAL barrel	5W-40 Full Synthetic	Ch. AFT 4173A	6	\$ 1,303.48	\$ 7,820.88
4.8.22	1 QT container	5W-20 Full Synthetic	Ch. SynGold 4439H/B	60	\$ 3.40	\$ 204.00
4.8.23	1 QT container	5W-30 Full Synthetic	Ch. SynGold 4439H/B	300	\$ 3.60	\$ 1,080.00
4.8.24	1 QT container	10W-30	Champ 4232H	12	\$ 1.77	\$ 21.24
4.8.25	1 QT container	Power Steering Fluid	Champ 4192H	12	\$ 2.28	\$ 27.36
4.8.26	55 GAL barrel	Propylene Glycol (50/50)		4	\$ 421.30	\$ 1,685.20
4.8.27	5 GAL container	Propylene Glycol (50/50)		10	\$ 91.04	\$ 910.40
4.8.28	2.5 GAL container	Diesel Exhaust Fluid	KDEF002	75	\$ 7.50	\$ 562.50
4.8.29	GAL	Diesel Exhaust Fluid - Bladder skid mounted.	Blue DEF 9525T	3300	\$ 1.32	\$ 4,356.00
4.8.30	55 GAL. barrel	Hydraulic Oil (ISO-68)	Champ. 4268A	2	\$ 421.30	\$ 842.60
4.8.31	2.5 GAL	Hydraulic Oil (ISO-68)	Champ. 4268U	8	\$ 23.50	\$ 188.00
4.8.32	1	Oil Hose Reel	8078B	1	\$	\$ 397.75
4.8.33	1	Electronic Meter	3675 B	1	\$	\$ 268.00
4.8.34	1	(Optional) Stub Pump	9968	1	\$	\$ 450.00
4.8.35	1	(Optional) Storage Tank	3300T	1	\$	\$ 960.00
4.8.36			Total (4.8.1 - 4.8.36)			\$

4.9. Maximum Percentage Increase or decrease for any renewal period

0-10 % *2117*

4.10. Minimum discount from list for all products introduced after inception of the contract and all existing products not specified herein:

0-10 % *2118*

4.11. Delivery After Receipt of Order (# days): *2 to 10 days*

See Options p. 2A

BOONE COUNTY BID PRODUCT OPTIONS

ITEM #	UNIT OF MEASURE	DESCRIPTION	PROPOSED BRAND	QTY	UNIT PRICE	EXT PRICE
4.8.4	Gal (Bulk)	15W40 Extend Svce.	Ch. AFT 15W40 (4158AB)	2,750	\$8.39	\$23,072.50
4.8.5	2.5 Gal	15W40 Extend Svce.	Ch. AFT 15W40 (4158U)	8	\$22.05	\$176.40
4.8.6	Gal	15W40 Extend Svce.	Ch. AFT 15W40 (4158N)	8	\$9.26	\$74.08
4.8.4	Gal (Bulk)	15W40 Extend Svce.	Ch. UltraFleet 15W40 (4159A)	2,750	\$9.39	\$25,822.50
4.8.5	2.5 Gal	15W40 Extend Svce.	Ch. UltraFleet 15W40 (4159U)	8	\$23.34	\$186.72
4.8.6	Gal	15W40 Extend Svce.	Ch. UltraFleet 15W40 (4159N)	8	\$10.24	\$81.92
4.8.12	55 Gal bbl	Coolant HD 50/50	Fleet Charge FCAB51	220	\$297.00	\$1,188.00

4.12. Will you honor the submitted prices for purchase by other entities in Boone County who participate in cooperative purchasing with Boone County, Missouri?

 X Yes No

4.13. The undersigned offers to furnish and deliver the articles or services as specified at the prices and terms stated and in strict accordance with the specifications, instructions and general conditions of bidding which have been read and understood, and all of which are made part of this order.

4.13.1. Type or Print Signed Name:

 R. S. FERRIS

4.13.2. Authorized Representative (Sign by Hand):

4.13.3. Today's Date: 10-16-2017

(Please complete and return with Contract)


Certification Regarding
Debarment, Suspension, Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 98 Section 98.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988, Federal Register (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS FOR CERTIFICATION)

- (1) The prospective recipient of Federal assistance funds certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective recipient of Federal assistance funds is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

R. S. Peckles Gen. Mgr. Champion Brands LLC
Name and Title of Authorized Representative

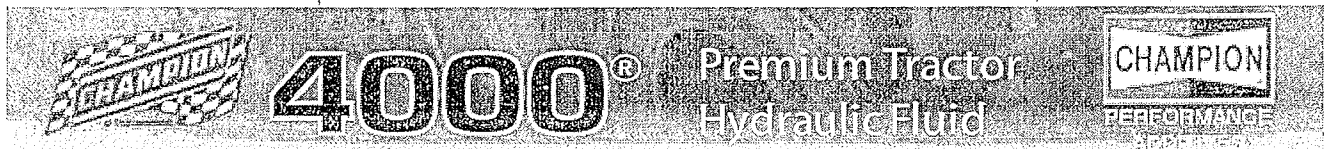
 11-1-2017
Signature Date

STANDARD TERMS AND CONDITIONS - BOONE COUNTY, MISSOURI

1. Contractor shall comply with all applicable federal, state, and local laws and failure to do so, in County's sole discretion, shall give County the right to terminate this Contract.
2. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Bid and/or Proposal.
3. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
4. Bidders must use the bid forms provided for the purpose of submitting bids, must return the bid and bid sheets comprised in this bid, give the unit price, extended totals, and sign the bid. The Purchasing Director reserves the right, when only one bid has been received by the bid closing date, to delay the opening of bids to another date and time in order to revise specifications and/or establish further competition for the commodity or service required. The one (1) bid received will be retained unopened until the new Closing date, or at request of bidder, returned unopened for re-submittal at the new date and time of bid closing.
5. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
6. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
7. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
8. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
9. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
10. Failure to deliver as guaranteed may disqualify Bidder from future bidding.
11. Prices must be as stated in units of quantity specified, and must be firm. Bids qualified by escalator clauses may not be considered unless specified in the bid specifications.
12. No bid transmitted by fax machine or e-mail will be accepted.
13. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
14. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms. The resulting contract will be considered "Non-Exclusive". The County reserves the right to purchase from other vendors.

15. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the *Federal Transit Administration's Best Practices Procurement Manual – Appendix A*. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.
16. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
17. Should an audit of Contractor's invoices during the term of the Agreement, and any renewals thereof, indicate that the County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30-days of being notified of the same.
18. **For all titled vehicles and equipment the dealer must use the actual delivery date to the County on all transfer documents** including the Certificate of Origin (COO,) Manufacturer's Statement of Origin (MSO,) Bill of Sale (BOS,) and Application for Title.
19. **Equipment and serial and model numbers** - The contractor is strongly encouraged to include equipment serial and model numbers for all amounts invoiced to the County. If equipment serial and model numbers are not provided on the face of the invoice, such information may be required by the County before issuing payment.

4.8.1 4.8.2 4.8.3



CHAMPION 4000® PREMIUM TRACTOR HYDRAULIC FLUID is our premium quality UTTO specially formulated for over 50 years to "Keep Farmers in the Field". Champion's hydrofinished base fluids combined with "OEM preferred" additive technology makes Champion 4000® the most universally diverse fluid available for use in farm tractors and implements, fork lift trucks, pavement rollers, loaders, backhoes, bulldozers, tractors, ditchers, 4x4 ATV with wet brake differentials, and lawn tractors and golf course mowers with hydrostatic transmissions. It delivers exceptional performance in today's power train transmissions, drive axles, clutches, PTO's, hydraulic systems, and honors more warranties than any other tractor fluid in the market.

MEETS OR EXCEEDS SERVICE REQUIREMENTS OF:				
CURRENT SPECIFICATIONS	OBSOLETE SPECIFICATIONS			
JOHN DEERE - J20C CNH - MAT 3525 AGCO - M1135 VOLVO - WB-101 ZF - TE-MLO3E ALLISON - C-4 API - GL-4 PARKER - HF-O*	JOHN DEERE	PARKER	DRESSER	
	J20A	HF-1, HF-2	HMS B806-0002	
	JD 14		HMS B806-0001	
	JD 303			
		WHITE		VICKERS
	AGCO (DUETZ-ALLIS)	MG 1722		35VQ25
	M1141	Q1766B		I-286-S
	M1143	Q1802	EATON	M2950-S
	M1139	Q1826	FORM 3-401-123	
	M1129A		IHC	HESSTON
M1127A/B		B-5, B-6	FIAT	
M1110			Multi-F	
Power Fluid 821XL	CNH		AF-87	
Power Fluid 821	MS1204	KUBOTA	RENK-DOROMAT	
Hydraulic Transmission Fluid	MS1206	Super UDT	873	
272843	MS1207	UDT	874	
257541	MS1209		874B	
246634	MS1210	OLIVER		
	MS1	Type 55	STEIGER	
	M2C41-B	G1705	SEMS 17001	
ALLISON	M2C134-D			
C-2, C-3	M2C48-B	ZETOR		
	M2C48-C	OT-H		
BOBCAT	M2C159-B/C	GL-4		
	M2C86-B			
CATERPILLAR	FNHA-2-C-200	ZF		
TO-2	FNHA-2-C-200A	TE-MLO6D		
	FNHA-2-C-201	TE-MLO6E		
CLARK	SUNSTRAND			
MS68	Hydrostatic Transmission			

*Dispersant fluid - does not meet water release requirement



CHAMPION 4000® PREMIUM TRACTOR HYDRAULIC FLUID offers friction control, wear protection, thermal stability, shear stability, rust and corrosion protection, and deep cold pumpability all optimally balanced to provide extended clutch life, maximum drawbar loading in a wide range of ambient temperatures.

- Improved oxidation/thermal stability and low temperature properties
- Improved modification system with increased friction durability
- Premium deposit control and reduced final drive wear
- Anti-foaming with natural resistance to thickening
- Extended seal life protection

TYPICAL PROPERTIES

Product Code	4000
Color	Brown, Clear
Gravity API @ 60°F	30.9
Brookfield, cP @ -20°C	4,650
Brookfield, cP @ -35°C	42,000
cSt @ 40°C	59
cSt @ 100°C	9.5
Viscosity Index	145
Pour Point °C	< -45
Flash Point °C	> 180

Product Specs





Premium HD 15W-40 MOTOR OIL

Champion Premium HD 15W-40 engine oil is designed to provide robust performance to meet the needs of the next generation of heavy duty engines. Increased power density, reduced oil volume and extended drain intervals place unique demands on engine oils to control oxidation by-products, sludge and deposits. Due to higher shear stress and lower viscosity minimums for engine oils, only oils with the highest wear protection and viscosity stability can maximize the performance and life of advanced diesel engines.

Oxidation Control- Champion Premium Heavy Duty® engine oil takes oxidation resistance to another level, allowing users to achieve longer drain intervals, reduce maintenance and downtime, and extend engine life. Controlling oxidation, corrosive acids, sludge and varnish precursors allows for extended drains and minimized wear even under the most extreme conditions.

- Oxidation lower than OEM limits in over 60,000 mile on-highway and 600 hour off-highway drain intervals
- Robust additives provide over 45% better oxidation resistance than CK-4 limits on Volvo T-13

Wear Control- Champion Premium Heavy Duty® engine oil delivers value keep your engines going longer by reducing engine wear, preventing high temperature corrosion and controlling abrasive soot contamination. Higher resistance to permanent shear loss and exceptional wear protection provide unmatched value for many diesel fleets.

Champion Premium Heavy Duty® Oils meet or exceed the following specifications:

- API CK-4, CJ-4, CI-4 Plus
- JASO DH-2
- Cummins CES 20086
- Cummins CES 20081
- Ford WSS-W2C171-F1
- Mack EO-O Premium Plus
- ACEA E7-12, E9-12
- Volvo VDS-4.5, VDS-4
- Detroit Diesel DFS93K218
- Detroit Diesel DFS93K222
- Renault VI RLD-3
- CAT ECF-3



	Method	SAE 15W-40
Part Number		4152
Viscosity @ 40°C, cSt	D445	15.5
Viscosity @ 100°C, cSt	D445	120
Viscosity Index	D2270	135
Cold-Cranking Viscosity, cP	D5293	6,400 @ -20°C
Pumping Viscosity, cP	D4684	23,000 @ -25°C
HTHS @ 150°C, cP	D4683	4.3
NOACK Volatility, %	D5800	10
Zinc, ppm	D4951	1250
Phosphorous, ppm	D4951	1140
Oxidation Resistance, mins	D6186	249*
TBN, mgKOH/g	D2896	10

*PDSC data collected for SAE 10W-30, API CK-4 viscosity grade

**Typical properties; does not constitute a specification

EFFECTIVE 07/16

CHAMPION BRANDS, L.L.C. • 1001 GOLDEN DRIVE • CLINTON, MO 64735
ORDER DESK 800-821-5693



Champion Super Grade AW - R/O Hydraulic Oils

Champion Super Grade AW R&O Hydraulic Fluids are quality anti-wear hydraulic oils designed for use in modern, high-performance hydraulic components. These fluids are specifically suited to protect high pressure positive-displacement vane and piston pumps, as well as high-accuracy numerically controlled (NC) machine tools where an anti-wear hydraulic fluid is specified. The stabilized additive system in these products provide excellent filterability and provide superior resistance to oxidation, corrosion, wear, sludge, varnish, emulsification and foaming.

- Improved filterability for less downtime and better protection
- Excellent stability against oxidation and corrosion
- Low coefficient of friction for improved energy efficiency
- Thermally and hydrolytically stable anti-wear chemistry
- Premium OEM level protection

Champion Super Grade AW R&O Hydraulic Fluids meet or exceed the following performance specifications:

- Parker-Hannifin HF-0, HF-1, HF-2
- DIN 51524 part II
- Bosch Rexroth 90220
- ISO 20763
- ANSI/AGMA 9005-E02-RO
- AIST (US Steel) 126, 127
- Eaton M-2950-S, I-286-S3
- Cincinnati Machine P-68, P-69 & P-70
- ISO 11158 HH, HL, HM, HR
- JCMAS P041 HK
- GM LS-2
- SEB 181222

Typical Properties

ISO VG
Product
API Gravity
lbs/US Gallon
Specific Gravity
cSt @40°C
cSt @100°C
Viscosity Index

32	46	68	100	150	220
4245	4180	4181	4178	4212	4195
30.6	30.0	32.4	34.4	29.7	27.4
7.27	7.30	7.19	7.11	7.31	7.42
0.873	0.876	0.863	0.853	0.878	0.891
32	46	68	100	150	220
5.4	6.7	8.7	11.3	14.9	19.2
98	98	98	98	98	98

Champion Super Grade AW R&O Hydraulic Fluids have a 5,000 hour typical fluid life.

Champion Universal Antifreeze/Coolant

Information Sheet

Champion® Universal Antifreeze/Coolant is recommended, compatible, and formulated for use with ANY antifreeze/coolant in ANY vehicle with aluminum and other engine metals. This formula has a concentrated blend of premium long-lasting inhibitors to guard against temperature extremes and ravages of rust, corrosion, and premature water pump failure.

Champion® Universal Antifreeze/ Coolant provides extended life protection for cars and light-duty trucks up to 5 years or 150,000 miles* when added to any extended life coolant or when flushed and filled according to these directions.

*- Compatible with other extended life and conventional coolants (heavy-duty coolant users must continue to add Extender or supplemental coolant additive "SCA" based on treat rates recommended by engine manufacturer. Dilution with conventional coolants will reduce extended life benefits).
 - Always consult owner's manual to determine the specific maintenance, change over intervals, and Extender/SCA treat rate (heavy-duty application only) for your vehicle.

Product Specifications

When used as directed, Champion® Universal Antifreeze/Coolant:

- Meets ASTM D 3306, D4985
- May be added to the antifreeze/coolant of ANY make and model of automobile and light duty truck on the road, foreign or domestic
- May be added to ANY color antifreeze/coolant
- Protects aluminum and ANY other engine metals

Product Stock # : 4119F
 UPC Code: 04368541195

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Properties	Typical Values	ASTM Test Method
Specific Gravity 60/60°F	1.115-1.124	D-1122
Boiling Point, Reflux	325°F Min.*	D-1120
Foam Test	50 ml./3 sec. Max.	D-1881
pH, 50% Volume Solution	7.5 Min-10.0 Max.	D-1287
Flash Point, COC	250°F, Min.	D- 92
Total Water, Wt. %	5% Max.	D-1123
Total Glycols, Wt. %	95% Min.	D- 202
Color	Tinted Yellow	

*With a 15 psi pressure cap

FREEZE/BOIL PROTECTION CHART	% of Cooling System Capacity	PROTECTS FROM	
		Freezing Down to	Boiling Up to*
	50	-34°F	265°F
	60	-62°F	270°F
	70	-84°F	276°F

*At sea level atmospheric pressure with 15lb. pressure cap The boiling point decreases about 2°F per 1,000 feet of altitude and increases about 2.5°F per pound developed in the system.



Champion

50/50 Prediluted Extended Life Universal Antifreeze & Coolant

Information Sheet

4116F - CHAMPION® 50/50 Prediluted Extended Life Antifreeze & Coolant is an extended life antifreeze and coolant formulated for use in all makes and models of cars and light duty trucks. Mixes with any color antifreeze and coolant and protects for up to 5 years/150,000 miles.*

When used as recommended, Champion Antifreeze & Coolant is designed to provide protection against freeze-up, boil-over, rust, corrosion and premature water pump failure.

*Always consult owner's manual to determine the specific maintenance and change over interval for your vehicle.

Product Specifications:

- Good for All Makes and Models of Cars and Light Duty Trucks
- Freeze-Up Protection to -34 °F and Boil-Over Protection to +265 °F
- Protects Engines Against Damaging Rust and Corrosion
- Compatible With Any Color Antifreeze and Coolant
- Meets ASTM D-3306 and ASTM D-4340

Product Stock #

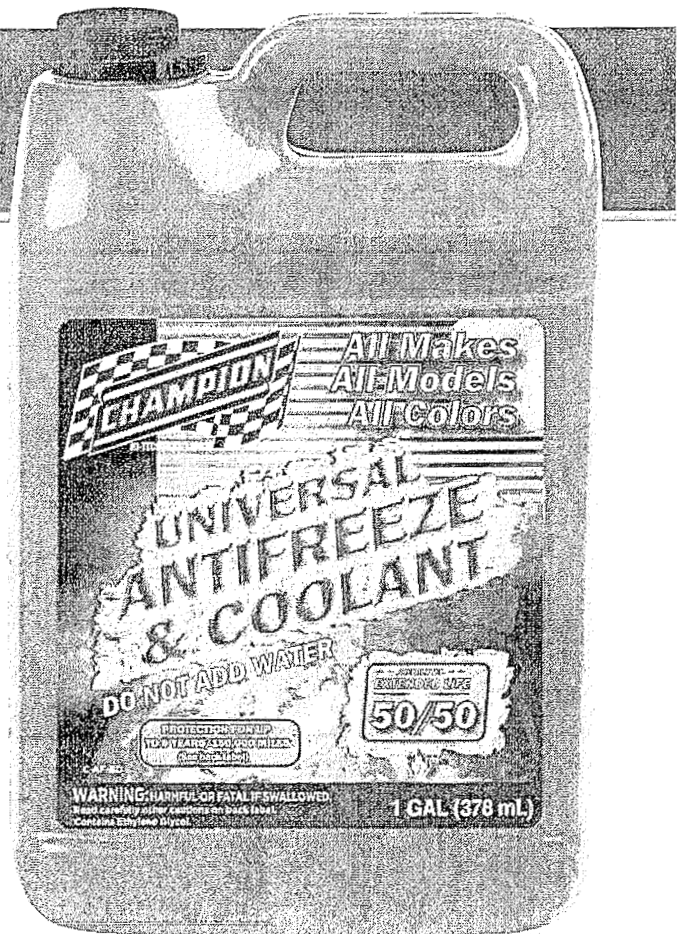
4116F

UPC Code:

043685411655

Chemical Properties (**with a 15 lb. psi pressure cap).

Test	ASTM Method	Typical Values
Specific Gravity (60/60°f)	D 1122	1.115-1.124
Boiling Point	D 1120	265 °F Min**
Foam Test	D 1881	50 mL/3 sec. Max.
pH, 50% Volume Solution	D 1287	7.5 Min. - 10.0 Max.
Flash Point, COC	D 92	50% Min.
Total Water (Wt. %)	D 1123	50% Min.
Total Glycols (Wt. %)	D 202	50% Max.



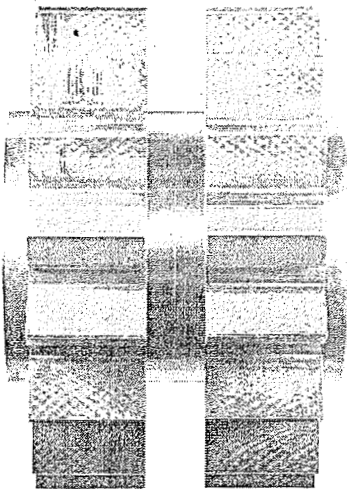


HTSSM SYNTHETIC HEAVY DUTY TRUCK GEAR LUBES

Champion HTS Gear Lubes are premium, fully synthetic extreme pressure automotive gear lubricants designed to meet the challenges of modern light-duty and heavy-duty axle differentials. Longer service intervals, more power transfer density, smaller oil volumes and limited air cooling place exceptional demands on today's axles. Only an exceptional lubricant should be trusted to protect your equipment.

Premium Full Synthetic Gear Lubricant

- Extreme pressure additive technology is field-tested and exceeds API GL-5
- Lower coefficients of friction than conventional oils delivering better fuel economy
- Permanent shear stability provides protection to gears even during long drain intervals
- Low temperature performance protects gears during critical cold starts
- Synthetic base oils provide excellent thermal and oxidative stability
- Delivers Champion limited slip additive – providing excellent limited slip performance that lasts
- Extreme pressure chemistry is safe for use with copper and other yellow metals



This is a picture of the spur gears used in the FZG test for gear scuffing. The left gear being a commercial gear product and the right gear being a gear protected with Champion's gear additive technology

Use with confidence in open differentials, limited slip differentials and other locking differentials where an API GL-5 or API GL-4 lubricant is specified.

SAE Grade	75W-90	75W-140	80W-140
Product Number	4314	4317	4315
Viscosity @ 40C, cSt	108	180	211
Viscosity @ 100C, cSt	16.8	27.5	24.5
Brookfield Viscosity, cP	65,000 @ -40°C	85,000 @ -40°C	16,500 @ -26°C
Viscosity Index	170	190	145
KRL Shear Stability (% loss)	8.7	8.5	< 1

Values are typical and do not constitute a specification

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ORDER DESK 800-821-5693

Effective 03/12



Champion Poly 7^{RED} High Temp Lithium

CHAMPION POLY 7 RED is our tacky, multi-purpose, high temperature grease that incorporates polymer technology, premium additive technology, hydro-treated base oils and a lithium complex thickening system. Additive and polymer technologies ensure maximum lubricity and adhesion, resistance to water wash-out, and resistance to sling-off. Tackiness additives keep this grease in place under high pitch line speeds, and provide ease of application.

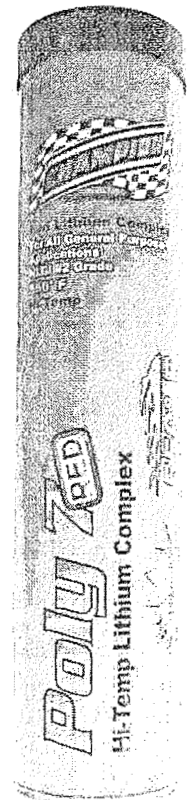
CHAMPION POLY 7 RED's premium combination of additives provide for excellent resistance to oxidation, rust and corrosion. Extreme-pressure chemistry and polymer technology work together to ensure reduced wear, especially under extreme shock loads, and protects against scuffing, spalling, fretting, and pitting of bearings, gears, and bushings. High base oil viscosity index improves pumpability while offering higher protection at high operating temperatures, while lithium complex thickening provides for high run-out resistance at very high operating temperatures.

CHAMPION POLY 7 RED is an excellent solution to most grease-lubrication needs and meets the requirements of the NLGI GC-LB specification for automotive wheel bearing and chassis lubrication. It is an excellent choice for any automotive, heavy-duty, agricultural, or industrial application requiring an NLGI #2 heavy-duty, extreme pressure grease such as:

- Marine Equipment/Boat Trailer Wheelbearings
- Disc Brakes
- King Pins
- Mining/Construction Equipment
- Farm Equipment
- Ball and U-Joints
- Chassis Lubrication
- Lawn & Garden
- Fifth Wheels

TYPICAL PROPERTIES

NLGI Grade	2
Product Code	4053
Operating Temp °F	
Min	10
Max	400
Penetration @ 77°F	
Unworked	260
Worked	280
Dropping Point °F	550
Timken OK Load, lb	70
Four-Ball (ASTM D 2596)	
Weld Point, KGF	400
LWI	40
Thickener, %	11
Type	Lithium Complex
Base Oil Viscosity:	
cSt @ 40°C	322
cSt @ 100°C	29.2
Viscosity Index	124
Texture	Tacky
Color	Red



PART# 4053



Product Data Sheet

4.8.16

ROYAL
HIGH PERFORMANCE OILS & GREASES

Royal Ultra 865M

Heavy Duty Moly5 Calcium Sulfonate Grease

Royal Ultra 865M Grease has been carefully formulated using high viscosity base oil and an over based calcium sulfonate complex thickener system fortified with Moly, and special additives providing this grease with outstanding extreme pressure properties, exhibiting excellent water repellency, oxidation resistance, and a wide operating temperature range.

Royal Ultra 865M Grease is formulated with an innovative and synergistic combination of solid lubricants which physically adhere to the metal surfaces and form a strong protective film, preventing welding and reducing friction even under the most severe operating conditions such as heavy shock loads.

Royal Ultra 865 M Grease is a heavy duty extreme pressure grease formulated by using high viscosity oil thus exhibiting outstanding film strength and resistance to corrosive saltwater environments.

Royal Ultra 865M Grease meets and exceeds the demanding automotive and industrial testing requirements of ASTM D 4950, earning it the GC-LB classification by the National Lubricating Grease Institute. This grease also meets Caterpillar CAT 5% MOLY requirements.

Product Features:

- Calcium sulfonate base with Moly
- High viscosity base oil
- Water resistant
- Wide temperature operability
- Superb rust protection properties

Customer Benefits:

- Extended service life of equipment
- Excellent performance under heavy and shock loads
- Extraordinary performance at high and low temperatures
- Protects equipment from rusting under humid and water ingress conditions.

Applications

- Royal Ultra 865M Grease is an obvious choice for virtually any multi-purpose or severe extreme pressure application, particularly where the end user prefers a Moly fortified grease. It is recommended for the most severe applications in off-highway construction, mining equipment, earth moving machines, Caterpillar equipment, as well as other heavy duty construction and mining equipment moving at slow to medium speed.

4.8.16

Typical Properties
Royal Ultra 865 HD Grease

Product #	951TC	951TB	951TA	Test Method
Thickener Type	Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex	-
Texture	Smooth	Smooth	Smooth	Visual
Color	Gray, Black	Gray, Black	Gray, Black	Visual
NLGI Grade	0	1	2	ASTM D 217
Worked Penetration @ 25°	355-385	310-340	265-295	ASTM D 217
Drop Point, °F	-	+500	+550	ASTM D 2265
Viscosity@40°C,cSt	461	461	461	ASTM D 445
Viscosity@100°C, cSt	30.2	30.2	30.2	ASTM D 445
Viscosity@100°F, SUS	2474	2474	2474	ASTM D 445
Viscosity@210°F, SUS	148.2	148.2	148.2	ASTM D 445
Wheel Bearing Leakage, gm	4.5	4.5	2.5	ASTM D 1263
Solid Lubricants, %	5.0	5.0	5.0	-
Weld Load, kg	400	500	620	ASTM D 2596
Load Wear Index	-	65	65	ASTM D 2596
Timken OK Load, lbs.	>55	>60	>65	ASTM D 2509

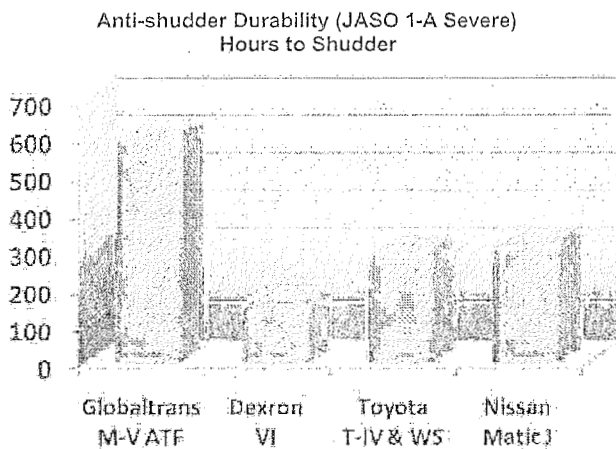


Champion Globaltrans Synthetic Transmission Fluid

Proven in field tests to be so tough to breakdown and so consistent in performance in so many different automatic transmissions, it's guaranteed!

Champion® Globaltrans full synthetic multi-vehicle automatic transmission fluid delivers superior performance in low-temperature flow, wear protection, frictional stability and resistance to thermal breakdown and is made with;

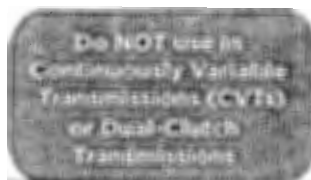
- 100% synthetic base fluid chosen for superior resistance to oxidation and viscosity change
- A highly shear stable cold flow viscosity control additive for superior resistance to viscosity change over thousands of miles
- Synergistic wear and seal protection chemistry preferred by O.E.M.s and found in premium factory fill fluids.
- Optimized friction control additives that not only prevent slip and shudder, for smooth shifting, but more durable than many other competing brands.



TYPICAL PROPERTIES

SAE Grade	0W 20
Product Code	4357
MSDS #	400
Gravity API @ 60°F	34.3
cSt @ 40°C	35.0
cSt @ 100°C	7.2
cP @ -40°C	10,200
SUS @ 104°F	158
SUS @ 210°F	50
Viscosity Index	>175
Pour Point °F	<-40
Flash Point °F	>440
Color	Red

Compatible with common transmission seal materials and other automatic transmission fluids. For optimum performance, replace all transmission fluid with Champion® Globaltrans. Follow OEM recommendations regarding extended drain intervals. **WARNING: THIS PRODUCT IS NOT RECOMMENDED IN TRANSMISSIONS SPECIFYING USE OF FORD MERCON® CVT OR TYPE F TRANSMISSION FLUID**



PART# 4357



Champion GlobalTrans Synthetic Transmission Fluid

For use in a wide variety of transmissions for trouble free performance, Champion® Globaltrans is suitable for use* in transmissions specifying;

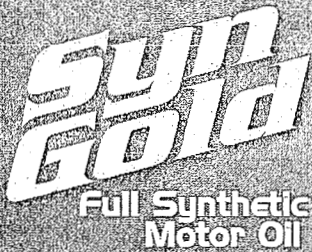
Acura ATF-Z1
Allison C-3 & C-4, TES-295** & TES-389**
ATF RED 1, RED 1K
Audi G 055 025 A2 (JWS 3309)
Audi G 055 005 (ZF Lifeguardfluid 6) (ZF No. S671 090 255)
BMW JWS 3309 (T-IV), BMW LA2634
BMW ZF 5HP18FL, 5HP24, 5HP30, BMW 7045E
Bosch TE-ML 09
Chrysler ATF+, +2, +3 (MS 7176E), +4 (MS 9602)
Daewoo LT 71141
Daihatsu AMMIX ATF D-III SPesso LT 71141
Ford MERCON®, Ford FNR5
Ford WSS M2C 922A1, 924A (XT-8-QAW) JWS 3309
Fuso ATF-SPIII, ATF-A4
GM DEXRON®-II, GM DEXRON®-IID, GM DEXRON®-IIE
Hino Blue Ribbon ATF
Hyundai/Kia SP-IV, Hyundai/Kia SP-IV M (SP4-M)
Hyundai/Kia Dex-II/ SP-II, Hyundai/Kia JWS 3314
ISUZU BESCO ATF-II
Jaguar ATF 3403 M115, ATF 3403-M115,
Jaguar ATF 3403 JLM20238
JASO M315-2013 1A-LV (does not meet visc spec)
JEEP ATF+3, +4
KIA ATF SP-II, SP-III, SP-IV, SP-IVM, Red 1
Mazda ATF D-II, Mazda ATF M-III, Mazda ATF M-V
MAZDA ATF 3317
MINI COOPER T-IV
Mitsubishi Diaqueen SP-III, Mitsubishi Diaqueen AW
Mitsubishi Diaqueen ATF PA
Nissan Matic Fluid C, Nissan Matic Fluid D, Nissan Matic Fluid J
Opel (all vehicles)
Porsche ZF 5HP19FL, ZF 5HP20, LT71141
Renault/Nissan DPO/AL4, Renault Samsung SATF-D
Saturn T-IV (JWS 3309)
Shell 3403, M115, LA 2634, Shell M-1375.4
Subaru ATF, ATF HP
Suzuki ATF 2384K, Suzuki JWS 3309, Suzuki ATF 3314
Texaco 7045-E, Texaco 8072B, Texaco N402
Toyota ATF T-IV, Toyota ATF WS including Toyota hybrid system
Volvo 97325, Volvo 97335, Volvo CE 97340
VW 5HP (19FL, 24A), VW G-052 182 A2
VW G 052 162 (ZF Lifeguardfluid 5)
VW TL 521 62 ZF all 3 & 4 speed transmission

Aisin Warner JWS 3309 (T-IV) & JWS 3324 (WS), AW-1
American Motors ATF +3 (MS7176-E), ATF +4 (MS9602)
Audi 5 HP LT71141 (ZF 5 HP 18FL/19FL/24A)
Audi G 052 162 (ZF Lifeguardfluid 5) (ZF No. S671 090 170)
Audi/VW G 052 990, Audi/VW G 055 540
BMW LT71141 (ZF 5 HP 18FL/19FL/24A)
BMW ETL-8072B, BMW MINI
CAT TO-2
Chrysler/Dodge MOPAR AS 68 RC (T-IV), JWS 3309
Daihatsu AMMIX ATF D-II
FIAT T-IV type, JWS 3309
Ford WSS M2C 138CJ, 166H
Ford ESP-M2C166H, XL-12
GM9986195 (Aisin AW, JWS 3309), GM TASA
GM DEXRON®-IIIG, GM DEXRON®-IIIH
Honda ATF-Z1 (except in CVTs), Honda DW-1
Hyundai/Kia SP-IV-RR, Hyundai/Kia SP-III
Hyundai/Kia NWS 9638
ISUZU BESCO ATF-III, ISUZU BESCO, ATF SP, ISUZU SCS Fluid
Jaguar ATF LT71141, ZF 5HP24, JLM20238
JASO M315-2013 1A
JASO M315-2013 2A
Lexus JWS 3309
MAN 339 V2
Mazda ATF FZ, Mazda ATF F-1, Mazda ATF S-1, Mazda ATF N-1
MB 236.41
Mitsubishi Diaqueen SK, Mitsubishi Diaqueen SP-II
Mitsubishi Diaqueen J2, Mitsubishi Diaqueen J3
NAG 1 (Chrysler, Jeep, Cherokee)
Nissan Matic Fluid K, Nissan Matic Fluid S
Peugot ZF 4HP20
Porsche ATF 3403-M115, Porsche T-IV (JWS 3309)
Saab T-IV (JWS 3309), Saab 93 165 147
Scion (all vehicles)
Subaru ATF, Subaru ATF 5AT, Subaru Dexron®-II
Suzuki ATF AW-1, Suzuki AT OIL 5D06, Suzuki ATF 2326
Suzuki ATF 3317
Toyota ATF D-II, Toyota ATF D-III, Toyota ATF T-III
Vickers M2950-S, I-286-S
VW 5 HP (ZF 5 HP 30), VW 5HP (18FL, 30)
VW G-055-025 A2 (JWS 3309)
VW G 055 005 (ZF Lifeguardfluid 6)
ZF TE-ML 04D, TE-ML 05L, TE-ML 09, TE-ML 11A, 11B, TE-ML 21L

* Champion supports this product as suitable for use in these specifications - although the factory fill viscosity may be different.

** Champion supports the use of this fluid in applications requiring TES-295 and TES-398 based on technical judgement, field experience and available data. Champion did not spend the resources required to achieve Allison Transmission, Inc.'s formal endorsement of this product.

PART# 4357



CHAMPION SYNGOLD® FULL SYNTHETIC ENGINE OILS

Champion SynGold® Engine Oils are built with robust additives and extremely pure synthetic base oils to delivery ultra-premium protection for your vehicles. These oils provide protection far exceeding industry requirements. Excellent film strength and shear stability, reduced start-up wear, improved oxidation resistance and cleanliness and lower volatility make SynGold® the gold standard in today's most demanding light duty gasoline engines.

- Resists thickening, sludge and varnish to keep engines clean and running efficiently
- Excellent pumpability ensures easy cold-starts and reduced cold-start engine wear
- Low volatility reduces oil consumption and prevents oil thickening and sludging
- Reduced friction delivers excellent fuel compared with industry standards
- Robust additives and high quality synthetic base oil allows for longer oil service intervals than conventional engine oils

SynGold® SAE 0W-20 and SAE 5W-30 exceed GM dexos1™ 2015 specification, and are designed to provide industry-leading timing chain wear protection, and to reduce catastrophic engines misfires which can occur in today's most advanced and efficient turbocharged, gasoline direct injection engines. These ultra-premium grades deliver unmatched protection in today's most advanced gasoline engines.

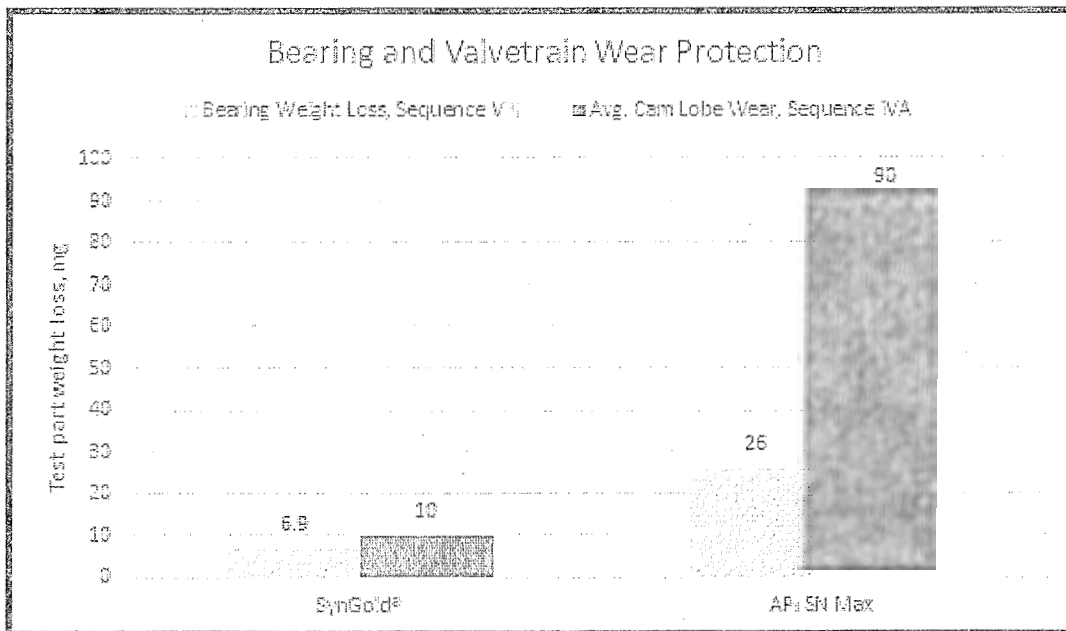


Figure 1 – SynGold SAE 0W-20 test results for bearing corrosion weight loss in the Sequence VIII engine test, and results for valvetrain weight in the Sequence IVA engine test

Syn Gold
Full Synthetic
Motor Oil

**CHAMPION SYNGOLD®
FULL SYNTHETIC
ENGINE OILS**

SAE GRADE	0W-20	0W-30	5W-20	5W-30	5W-40
PART NUMBER	4429	4428	4430	4431	4432
API SERVICE	SN	SN	SN	SN	SN
ILSAC	GF-5	GF-5	GF-5	GF-5	GF-5
GM	dexos1™ 2015		dexos1™ 2015		
VISCOSITY @100C	8.48	10.44	8.39	10.91	15.32
VISCOSITY @40C	44.6	56.5	47.4	62.1	94.66
VISCOSITY INDEX	170	177	154	169	172
CCS @ SAE TEMP	5,740 (-35C)	5,390 (-35C)	4,910 (-30C)	4,400 (-30C)	6,044(-30C)
MRV @ SAE TEMP	20,500 (-40C)	20,930 (-40C)	16,220 (-35C)	15,100 (-35C)	45,353(-35C)
NOACK	13	13.5	8.5	12	12

dexos1™ is a registered trademark of General Motors and is used for informational purposes to clarify product performance against a specification.



**INCREASED PERFORMANCE
INCREASED PROTECTION**

*Available in full range
of sizes and SAE grades
to fit all needs*



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ALL FLEET T
PREMIUM HD MOTOR OIL SERIES

CHAMPION ALL FLEET T[®] premium multi-grade heavy-duty motor oils represent a major quality upgrade in heavy-duty diesel lubricant. Formulated with 100% Group II base oils and the most advanced additive technology preferred by OEMs for extended service fill requirements. These motor oils satisfy all current OEM warranty requirements in both older diesel engines and 2007 emission compliant engines equipped with Exhaust Gas Recirculation (EGR) and diesel particulate filters (DPF).

Champion All Fleet T[®] offers improvements in reserve acid neutralizers for premium high temperature stability; more soot and anti-sludge control than most brands; and certified "preferred service fill engine oil" were applicable⁽¹⁾.

Champion All Fleet T[®] is designed for heavy duty, diesel-powered equipment from Detroit Diesel, Mack, Volvo, Cummins, Caterpillar, Navistar/International, Freight Liner, General Motors, John Deere, Case-New Holland, Kubota, Komatsu, and many more.

Benefits:

- OEM Certified for extended service drain⁽¹⁾
- More shear stable chemistry for improved viscosity control with premium anti-wear and cold flow protection during start up when wear is most significant
- Better TBN retention (alkaline reserve) than most CJ-4 brands, and all CI-4 Plus brands, ensuring protection required for 2007-emission compliant engines.
- Enhanced anti-friction technology for improved fuel economy compared to API CI-4 Plus brands
- Champion's continued tradition of maximizing cleanliness and minimizing wear
- Suitable for gasoline and diesel powered equipment in all types of service where fuel sulfur levels are below 500 ppm
- Compatible with API approved engine oils
- Meets, or exceeds, all major on and off-road engine manufacturers' warranty requirements

APPROVALS, SPECIFICATIONS, & TYPICAL PROPERTIES

API CJ-4, CI-4 Plus, CI-4, CH-4, CG-4, & CF-4
 API SM, SL, SJ, SH, & SN⁽²⁾
 ACEA E7-04, E6, E5-02, E4-99#2, E3 & E2
 Detroit Diesel 93K218 & 93K214⁽³⁾ DDC 228.1, DDC 228.3
 Caterpillar SEBU 6385⁽³⁾
 Caterpillar ECF-3⁽⁵⁾, ECF-2⁽⁴⁾⁽⁵⁾, and ECF-1-a⁽⁵⁾
 Cummins CES 20081⁽⁵⁾ & all previous
 Ford M2C171-C & D⁽³⁾
 General Motors 9985930⁽³⁾
 Global DHD-1
 JASO MA, DH-1 & DH-2
 Mack EO-O Premium Plus 2007⁽⁵⁾ & all previous
 Mack EO-M Plus⁽³⁾
 MAN 271 & 3275
 Mercedes Benz p228.31
 MTL 5044 (MTU Type 1 and 2)
 Renault VI RLD-3 Compliant⁽⁵⁾
 Volvo VDS-4, VDS-3, & VDS-2⁽⁵⁾

SAE Grade	AFT 10W-30	AFT 15W-40	HT SYNTHETIC FLEET
Product Code	4160	4158	4173
Gravity API @ 60° F	31.5	29.5	33.7
Pour Point ° F	-27	-27	-42
Flash Point ° F	410	415	450
SUS @ 104°F	313	482	397
SUS @ 212°F	62	80	73
cSt @ 40°C	68.0	115.8	87
cSt @ 100°C	10.7	15.5	13.9
TBN, mg KOH/gm	11	11	9
Sulfated Ash %wt	1.0 max	1.0 max	1.0 max
Color	Blue	Blue	Blue
Viscosity Index	147	141	165

Data is typical of current production. While future production will conform to specification, variations may occur.

(1) Consult engine manufacturers' documentation for motor oil performance, viscosity grade and oil change interval
 (2) Champion All Fleet T[®] 15W-40 and HT Synthetic Fleet 5W-40 only
 (3) Champion All Fleet T[®] 10W-30 only
 (4) ECF-2 is recommended in pre-2007 on-road and any off-road Caterpillar engines no bigger than the C3500
 (5) Champion All Fleet T[®] 15W-40 and HT Synthetic Fleet 5W-40 only

For more than 50 years, Champion All Fleet T[®] continues delivering premium performance and value in diesel engine lubricant protection
 Call Our Friendly Sales Representatives for Available Package Sizes

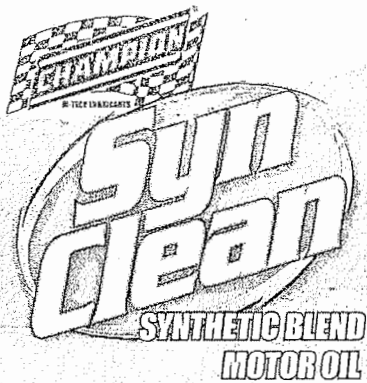
4160 4158

Call For Available Package Sizes

Effective 12/12

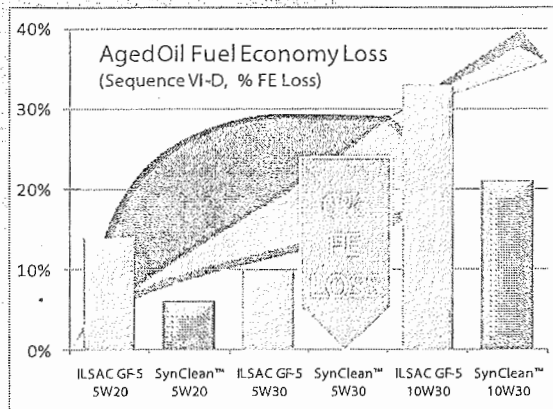
CHAMPION BRANDS, LLC • 1001 GOLDEN DRIVE • CLINTON, MO 64735
ORDER DESK 800-821-5693

4.8.24



Champion® SynClean™ synthetic blend motor oil extends engine life by significantly reducing wear and viscosity breakdown through pioneering advancements in oil technology. SynClean's shear stable additive system in combination with Champion's mixture of premium water white base oils and synthetic fluid outperform all previous engine oils for protection and durability from wear and viscosity breakdown.

Engine sequence VI-D testing for fuel economy retention clearly demonstrates SynClean's advantage over non-synthetic and other synthetic



Fuel economy performance in the VI-D test is measured for fresh oil (FEI-1) and aged oil (FEI-2) versus an industry reference oil. Test limits expressed as total FE (FEI-1 + FEI-2) and retained FE (FEI-2)

blend motor oils because SynClean uses Champion's proprietary lubricity additive technology proven more durable than other lubricity agents that can degrade within a few thousand miles.

Sludge in gasoline engines is usually a black emulsion of water, combustion by-products, and oil formed during low-temperature engine operation. Sludge is typically soft, but can polymerize and become a hard substance. It plugs oil lines and screens, and accelerates engine wear and increases emissions.

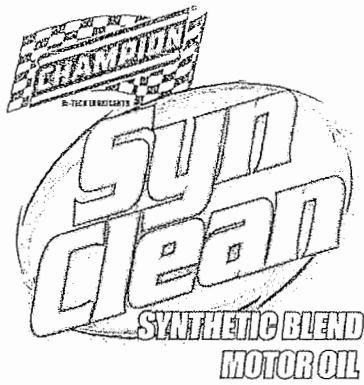
SynClean's premium sludge control is achieved using highly effective antioxidant and dispersant additives. The antioxidant combats sludge formation by blocking chemical reactions between

combustion by-products, water and oil at low temperature. Although the antioxidant significantly retards sludge formation it cannot stop it completely. No additive can. This is where SynClean's dispersant technology takes over by keeping formed sludge constituents finely dissolved and suspended in the oil away from engine parts.

Benefits include:

- Excellent wear protection and engine cleanliness at low temperatures of 400°F, even at longer drain intervals
- Better fuel economy retention than both API SN Resource Conserving and ILSAC GF-5
- Helps late models reduce oil consumption and improves fuel economy
- Protects against varnish deposits and resists thermal viscosity breakdown
- Recommended oil for gasoline, turbocharged gasoline and E-85 flex-fuel engines
- Lower pour point pumps fluid faster to moving parts reducing wear during the coldest Winter season
- Compatible with conventional oils





Champion[®] SynClean[™] synthetic blend motor oils are approved for use in General Motors, Ford and DaimlerChrysler flex-fuel vehicles using either gasoline or E-85. Additional service fill approvals also include Acura, Honda, Infiniti, Isuzu, KIA, Lexus, Mercedes Benz, Mitsubishi, Saturn, Toyota and Volvo cars and light duty trucks. See OEM Manual for Viscosity Recommendation.

Typical Properties

SAE Grade	5W-20	5W-30	10W-30	10W-40
Product Code	4230	4231	4232	4233
API Service / ILSAC	SN Resource Conserving / GF-5	SN Resource Conserving / GF-5	SN Resource Conserving / GF-5	API SN
General Motors	6094M	6094M	GM 6094M	GM 6094M
DaimlerChrysler FFV E-85 Gasoline Specifications	MS-6395	MS-6395	MS-6395	MS-6395
Ford Motor Company	WSS- M2C930-A	WSS- M2C929-A, WSS-M2C946-A	WSS- M2C205-A	WSS- M2C205-A
Gravity API @ 60° F	32.5	32.7	30.7	31.2
Pour-Point °F	-38	-40	-38	-38
Flash Point °F	430	426	430	430
cSt @ 100°C	8.9	10.3	10.6	14.5
cSt @ 40°C	52.4	60.7	71.6	106.8
Cold Crank Visc, cP	6,200 @ -30°C	5,700 @ -30°C	6,200 @ -25°C	6,500 @ -25°C
Viscosity Index	150	158	135	140
TBN, mg KOH/gm	8.2	8.2	8.2	8.2
Color	Amber	Amber	Amber	Amber



CHAMPION Power Steering Fluid

Champion® Power Steering Fluid is formulated with premium hydrotreated base oils and balanced additive chemistry for effective performance and protection in older power steering systems, or those specifying GM Dexron IID, GM Dexron III or Ford Mercon fluids. Our friction modifier technology minimizes squeal or squawk in power steering systems. Inhibitor technology and anti-wear additives protects pumps and parts from corrosion, oxidation, and scuffing. Highly effective seal conditioners prevent hardening and shrinking of seals, keeping them soft and pliable.

- Protects against corrosion of metallic parts
- Eliminates squeal and squawk in older systems
- Extends pump life and reduces pump wear
- Low foam reduces cavitation wear
- Low-temperature performance ensures startup lubrication
- Compatible with all mineral and synthetic power steering fluids

Champion® Power Steering Fluid is recommended for use in vehicle power steering systems requiring fluids with the following specifications or with the following part numbers

- GM 9985010 Saginaw
- Daimler/Chrysler MS5931F, MS1872
- Ford M2C138-CJ, ESW-M2C128
- Dexron IID, III
- Mercon
- Chrysler ATF+3
- Accura/Honda (Prior to 2007)

Typical Properties:

Product Code	4182K
API Gravity @ 60F	31.0
Viscosity @ 40C, cSt	42
Viscosity @ 100C, cSt	7.25
Viscosity Index	160



4182K
Effective 12/12

4.8.26 4.8.27

Effective Date: Sept 2, 2015

Product #(s) – CBRVAFAN, CBRVAFT

Safety Data Sheet

" For Emergency Call:
CHEM-TEL (800) 255-3924 24 Hour Assistance

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Champion -50 RV Anti-Freeze
CAS Number: 57-55-6 / 64-17-5 / 7732-18-5
Recommended Uses: Anti-Freeze
Company Identification
" CHAMPION BRANDS LLC
" Address: 1001 Golden Drive, Clinton, MO 64735
" Telephone – General Information: (800) 821-5693

2. HAZARDS IDENTIFICATION

Hazard Classes: Flammable Liquid Category 3
" Carcinogenicity Category 1A
" Toxic to Reproduction Category 1A
" Specific Target Organ Toxicity (Single Exposure) Category 3
" Specific Target Organ Toxicity (Repeated Exposure) Category 1

Signal Word: Danger

Hazard Statements:

H226 Flammable Liquid and Vapor.
H227 Combustible liquid.
H336 May cause drowsiness or dizziness.
H341 Suspected of causing genetic defects if swallowed.
H350 May cause cancer if swallowed.
H360 May damage fertility and the unborn child, including fetal alcohol syndrome, if swallowed.
H336 May cause drowsiness or dizziness.
H372 Causes damage to the liver, digestive, cardiovascular and central nervous system through prolonged or repeated exposure if swallowed.

Precautionary Statements:

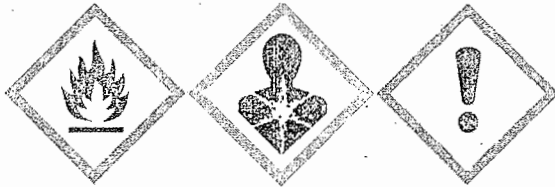
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children,
P103 Read label before use.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/Bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.

Effective Date: Sept 2, 2015

Product #(s) – CBRVAFAN, CBRVAFT

P260	Do not breathe vapors/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P361 + P353	If ON SKIN (or hair): Remove/Take of immediately all contaminated clothing. Rinse skin with water/shower
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P308 + P311 + P313	IF exposed or concerned: Call a POISON CENTER/doctor. Get medical advice/attention.
P370 + P378	In case of fire: Use dry chemical, CO ₂ , alcohol-resistant foam, and water spray for extinction.
P403 + P233 + P235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405	Store locked up.
P501	Disposal: Dispose of contents/container to a specialized waste disposal plant in accordance with local/regional regulations

Hazard Pictograms:



3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Typical Weight Percentage	CAS Number
Propylene Glycol	< 9%	57-55-6
Ethanol - Denatured	< 20%	64-17-5
Water	72-75%	7732-18-5

4. FIRST AID

Eyes: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin: Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops, seek medical attention.

Inhalation: If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion: If swallowed, seek emergency medical attention. If victim is drowsy or unconscious and vomiting, place on left side with head down and do not give anything by mouth to an unconscious person. Do not induce vomiting unless told to by physician or poison center.

Product #(s) – CBRVAFAN, CBRVAFT

- " **Medical Conditions:** Conditions which may be aggravated by exposure include liver, digestive, cardiovascular and central nervous systems.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, CO₂, water spray or alcohol-resistant foam. Water spray is recommended to cool or protect exposed materials or structures. Water may be ineffective for extinguishment, unless used under favorable conditions by experienced fire fighters. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Specific Hazards: This material is flammable and can be ignited by heat, sparks, flames or other sources of ignition (e.g., static electricity, pilot lights or mechanical/electrical equipment). Flame is invisible in daylight. Vapors may travel considerable distances to a source of ignition where they can ignite, flashback or explode. May create vapor/air explosion hazard indoors, in confined spaces, outdoors or in sewers. If container is not properly cooled, it can rupture in the heat of a fire. Vapors are heavier than air and can accumulate in low areas.

Hazardous Combustion Products: Toxic gases and vapors; oxides of carbon and formaldehyde.

Special Firefighting Procedures: For fires beyond the initial stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8). Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

- " **Personal Precautions:** Flammable. Spilling of liquid product will create a fire hazard and may form an explosive atmosphere. Keep all sources of ignition and hot metal surfaces away from spill/release if safe to do so. The use of explosion-proof equipment is recommended. Stay upwind and away from spill/release. For large spills, notify people down-wind of spill/release, isolate immediate hazard area and keep unauthorized personnel out. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.
- " **Environmental Precautions:** Stop spill/release if it can be done with minimal risk. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways. Use foam on spills to minimize vapors. Use water sparingly to minimize environmental contamination and reduce disposal requirements. If spill occurs on water, notify appropriate authorities. Spills into or upon navigable waters, the contiguous zone, or adjoining shorelines that cause a sheen or discoloration on the surface water, may require notification of the National Response Center (phone number 800-424-8802).
- " **Methods for Containment and Clean-Up:** Notify relevant authorities in accordance with all applicable regulations. Immediate cleanup of any spill is recommended. Dike far ahead of spill for later recovery or disposal. Absorb spill with inert material such as sand, earth or other non-combustible material, and place in suitable container for disposal. If spilled on water remove with appropriate methods (e.g., skimming, booms or absorbents). In case of soil contamination, remove contaminated soil for remediation or disposal, in accordance with local regulations.

Effective Date: Sept 2, 2015

Product #(s) – CBRVAFAN, CBRVAFT

7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep away from ignition sources such as heat/sparks/open flames – No smoking. Take precautionary measures against static discharge. Non-sparking tools should be used. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Use good personal hygiene practices and wear appropriate personal protective equipment (see Section 8).

Flammable. May vaporize easily at ambient temperatures. The vapor is heavier than air and may create an explosive mixture of vapor and air. Beware of accumulation in confined spaces and low lying areas. Open container slowly to relieve any pressure. Electrostatic charge may accumulate and create a hazardous condition when handling or processing this material. To avoid fire or explosion, dissipate static electricity during transfer by bonding and grounding containers and equipment before transferring material. The use of explosion-proof equipment is recommended and may be required (see appropriate fire codes). Refer to NFPA-77 and/or API RP 2003 for specific bonding/grounding requirements. Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. Do not wear contaminated clothing or shoes. Keep contaminated clothing away from sources of ignition such as sparks or open flames. Use good personal hygiene practice.

Conditions for Safe Storage: Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition. Post area "No Smoking or Open Flame." Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage. Outdoor or detached storage is preferred. Indoor storage should meet OSHA standards and appropriate fire codes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTIONExposure Guidelines

Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL
Propylene Glycol	None	None	None	None
Ethanol	---	1000 ppm	1000 ppm	---

Engineering Controls: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional ventilation or exhaust systems may be required.

Specific Personal Protective Equipment

Eye/Face Protection: While contact with this material is not expected to cause irritation, the use of approved eye protection to safeguard against potential eye contact is considered good practice.

Skin: Not required based on the hazards of the material. However, it is considered good practice to wear gloves when handling chemicals.

Respiratory Protection: Respiratory protection is not usually required.

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Air-purifying respirators provide limited protection and cannot be used in atmospheres that exceed the maximum use concentration as directed by regulation or the manufacturer's instructions, in oxygen

Product #(s) – CBRVAFAN, CBRVAFT

deficient (less than 19.5% oxygen) situations or under conditions that are immediately dangerous to life and health (IDLH).

Use
a positive pressure air supplied respirator if there is potential for uncontrolled release, exposure levels are unknown, or any other circumstances where air-purifying respirators may not provide adequate protection.

Other Protective Equipment: A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety, or engineering professionals.

9. PHYSICAL AND CHEMICAL PROPERTIES (approximate values)

- Appearance: Clear, pink liquid
- Odor: Mild
- Odor threshold: No data
- pH: Not applicable
- Melting/Freezing Point: No data
- Boiling point (at 1 atm): 85 - 93 °C (185 – 200 °F)
- Flash Point: 43 °C (110 °F)
- Auto-Ignition Temperature: No data
- Evaporation rate (butyl acetate = 1): No data
- Flammability (solid, gas): Not applicable
- Explosive Limits: No data
- Vapor Pressure: 44.6 mm Hg @ 68 °F
- Vapor Density (air = 1): >1
- Specific gravity (H₂O = 1): ~1
- Solubility in water: Soluble
- Partition Coefficient: No data
- Decomposition Temperature: No data
- Viscosity: No data

10. STABILITY AND REACTIVITY

Stability (thermal, light, etc.): Stable under normal conditions of storage and handling.

Conditions to Avoid: Exposure to elevated temperatures of propylene glycol can cause product to decompose. Generation of gas during decomposition can cause pressure in closed systems. Avoid direct sunlight or ultraviolet sources.

Incompatibility (materials to avoid): Avoid contact with strong acids, bases and oxidizers.

Hazardous Decomposition Products: Decomposition products can include aldehydes, alcohols, ethers and organic acids.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

- Acute Toxicity:

Effective Date: Sept 2, 2015

Product #(s) – CBRVAFAN, CBRVAFT

Product/Ingredient Name	Result	Species	Dose
Propylene Glycol (major component)	LD50 Oral	Rat	22 g/kg
	LD50 Dermal	Rabbit	>2 g/kg
	LC50 Inhalation (vapor)	Rat	>317 mg/l – 2hr
Ethanol	LD50 Oral	Rat	10.5 g/kg 133.8
	LC50 Inhalation (vapor)	Rat	mg/l (vapor)-4hr

Skin Corrosion/Irritation: Causes mild irritation.

Serious Eye Damage/Irritation: Causes mild irritation.

Signs and Symptoms: High concentrations can cause minor respiratory irritation, headache, drowsiness, dizziness, loss of coordination, disorientation and fatigue. Ingestion can cause irritation of the digestive tract, drunkenness and stupor.

Skin Sensitization: None reported

Respiratory Sensitization: None reported

Germ Cell Mutagenicity: Ethanol has been classified as a category 2 mutagen.

Carcinogenicity: Ingestion of alcoholic beverages has been classified by NTP and IARC as carcinogenic to humans (Category 1A). Occupational exposures to ethanol, a minor component, and exposures other than by ingestion (i.e., dermal and inhalation) have not been associated with cancer in humans. This material is not listed by NTP, IARC or OSHA.

Reproductive Toxicity: Adverse reproductive effects are not anticipated from inhalation or dermal exposure. Excessive consumption of alcoholic beverages during pregnancy has been associated with effects on the developing fetus referred to collectively as the fetal alcohol syndrome. The effects most frequently manifested include psychomotor dysfunction, growth retardation and a characteristic cluster of facial anomalies. It also affects the reproductive system including reduced sperm count and motility and loss of libido in men, abnormal menstrual function, and decreased plasma estradiol and progesterone levels in women.

Methanol, a component, has produced fetotoxicity in rats and teratogenicity in mice exposed by inhalation to high concentrations of methanol vapors.

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.

Specific Target Organ Toxicity (Repeated Exposure): Chronic alcoholism has been associated with damage to the liver in humans (e.g., cirrhosis of the liver). Excessive consumption of alcoholic beverages has also been associated with adverse effects on the central nervous system, digestive system and cardiovascular system.

12. ECOLOGICAL INFORMATION

Toxicity: Material is practically non-toxic to aquatic organisms on an acute basis.

Ingredient Name	Result	Species	Exposure
Propylene glycol,	Acute EC50 = 40,613 mg/L Marine Water	Fish	96 hours
	Acute LC50 = 18,340 mg/L Fresh Water	Water Flea	48 hours
Ethanol	Acute LC50 = 14.2 g/l Fresh Water	Fish	96 hours
	Acute LC50 > 100 mg/l Fresh Water	Invertebrate	96 hours

Product #(s) – CBRVAFAN, CBRVAFT

Persistence and Degradability: Propylene glycol and ethanol biodegrade easily in water and soil.
 Propylene glycol BOD5 = 69.0% Ethanol COD = 1.99 gO₂/g of ethanol
 COD = 1.53 m/mg

Bioaccumulative Potential: Risk of bioaccumulation of Propylene glycol, the major component, is low (BCF <100 and low log K_{ow} <3). BCF = 0.09 - <10 LogK_{ow} = -1.07
 Risk of bioaccumulation of Methanol is low (BCF <500 and low log K_{ow} <4). BCF = 0.2 - <10
 LogK_{ow} = -0.35

Mobility in Soil: Propylene glycol, the major component, has a very low Henry's constant (1.2E-08 atm m³/mol), volatilization from natural bodies of water or moist soil is not expected to be an important fate process. Potential for mobility in soil is very high (K_{oc} between 0 and 50). Using read across data from methanol, ethanol is highly mobile. Adsorption coefficient (K_{oc}) solid phase/liquid phase = 1

Other Adverse Effects: None known

13. DISPOSAL CONSIDERATIONS

The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

Recycle wherever possible. Large volumes may be suitable for re-distillation or, if contaminated, incinerated. Can be disposed of in a sewage treatment facility.

This material, if discarded as produced, would not be a federally regulated RCRA "listed" hazardous waste. However, it would likely be identified as a federally regulated RCRA hazardous waste for the following characteristic of ignitability (D001). See Sections 7 and 8 for information on handling, storage and personal protection and Section 9 for physical/chemical properties. It is possible that the material as produced contains constituents which are not required to be listed in the MSDS but could affect the hazardous waste determination. Additionally, use which results in chemical or physical change of this material could subject it to regulation as a hazardous waste.

14. TRANSPORT INFORMATION

DOT/TDG Proper Shipping Name: Flammable Liquid n.o.s (ethanol)
 DOT/TDG Identification Number: UN1170
 DOT Hazard Class: 3 / TDG Hazard Class: 3 (6.1)
 DOT/TDG Packing Group: II
 ERG Guide Number: 131
 Marine Pollutant: No

15. REGULATORY INFORMATION

TSCA: All components are listed on the TSCA inventory.

DSL: All components are listed on the DSL inventory.

OSHA (Occupational Safety and Health Administration): This material is considered to be hazardous as defined by the OSHA Hazard Communication Standard.

" This material has not been identified as a carcinogen by NTP, IARC or OSHA

Effective Date: July 15, 2015

Product #(s) – 95806

CERCLA/SARA – Section 302 Extremely Hazardous Substances and TPQ (in pounds): This material does NOT contain chemicals subject to the reporting requirements of SARA 302 and 40 CFR 355 Appendix A and B.

" **EPA (CERCLA) Reportable Quantity (in pounds):** This material contains the following chemicals subject to the reporting requirements of 40 CFR 302.4.

Component	Concentration	RQ
Methanol	0.6-0.75%	5000 lbs

CERCLA/SARA - Sections 311/312 (Title III Hazard Categories):

" Acute: No Chronic: No Fire: No Reactivity: No

CERCLA/SARA – Section 313 and 40 CFR 372: This material contains the following chemicals subject to the reporting requirements of SARA 313 and SARA Title III and 40 CFR:

Component	Concentration	de minimis
Methanol	0.6-0.75%	1%

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material contains detectable chemicals known to the State of California to cause cancer and/or reproductive toxicity.

Component	Concentration	Effect
Methanol	0.6-0.75%	Developmental
Ethanol	< 20%	Developmental

Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the Regulations.

WHMIS Hazard Class: B3, D2A, D2B

16. OTHER INFORMATION

Issue Date: JUNE 1, 2015

Previous Issue Date: May 15, 2012

Change: Minor wording changes

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

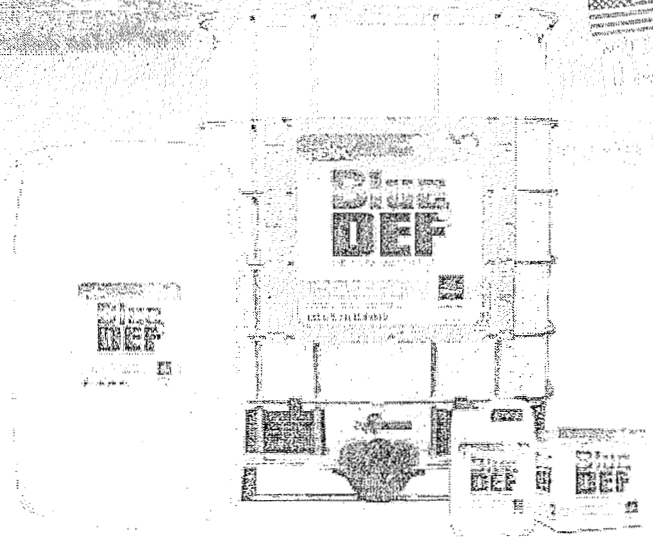
The information in this document is believed to be correct as of the date issued. **HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE.** This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for this particular purpose and on the condition that he assumes the risk of his use thereof.

PEAK

Blue DEF™

DIESEL EXHAUST FLUID

APPROVED FOR USE IN ALL DIESEL SCR SYSTEMS



WHAT IS BLUEDEF®?

BlueDEF® is a mixture of 32.5% high purity synthetic urea and 67.5% deionized water that is used in Selective Catalytic Reduction(SCR) systems on diesel engines. DEF is the primary ingredient used to help convert NOx to harmless nitrogen and water. BlueDEF is stable, colorless, non-flammable, non-toxic and is classified as minimum risk for transportation. BlueDEF conforms to the ISO-22241-1 specification for DEF, is API registered and meets or exceeds OEM specifications.

BLUEDEF HANDLING AND STORAGE

The shelf life of DEF is directly related to the temperature at which it is stored. Storage temperature between 12° and 86° F are recommended to maintain optimal shelf life of up to two years. If BlueDEF freezes, its efficacy will not be effected upon thawing. To maintain the purity of DEF and not harm the SCR Catalyst System care must be taken regarding the material of construction for all items that come in contact with the DEF solution. Included from the ISO-22241-1 standards are the recommended and not recommended materials for contact with DEF.

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	>212° F
Crystallization Point	12° F
Pounds/Gallons	9.09
Specific Gravity (Water=1)	1.09
Vapor Pressure (mm of Hg)	Not applicable
Vapor Density (Air=1)	0.6 H ₂ O >1
Water Solubility	100%
Appearance	Colorless, clear liquid
Odor	None to slight ammonia
Evaporation Rate	<1

MATERIALS RECOMMENDED FOR USE WITH DEF

Highly alloyed austenitic Cr-Ni-Mo-steels or stainless steel 304 (S30400), 304L (S30403), 316 (S31600) AND 316L (S31603) in accordance with ASTM A240, ASTM A276, and ASTM A312
 Titanium
 Ni-Mo-Cr-Mn-Cu-Si-Fe Alloys, e.g. Hastelloy c/c-276
 Polypropylene, free of additives
 Polyethylene, free of additives
 Perfluoroalkoxyl Alkane (PFA), free of additives
 Polyfluoroethylene (PFE), free of additives
 Polyvinylidene fluoride (PVDF), free of additives
 Polytetrafluoroethylene (PTFE), free of additives
 Copolymers of Vinylidene fluoride and Hexafluoropropylene, free of additives

MATERIALS NOT RECOMMENDED FOR USE WITH DEF

Carbon Steels, Zinc Coated Carbon Steels, and Mild Iron
 Non ferrous metals and alloys:
 Copper, Copper Alloys, Zinc, Lead
 Solders containing Lead, Silver, Zinc or Copper
 Aluminum, Aluminum Alloys
 Magnesium, Magnesium Alloys
 Plastics or metals coated with Nickel

PACKAGING OPTIONS



1 Gallon
Part# DEF003



2.5 Gallon
Part# DEF002



55 Gallon Drum
Part# DEF001 (Plastic Valve)
Part# DEF001S (Stainless Steel Valve)



275 Gallon Tote
Part# DEF275P (Plastic Valve)
Part# DEF275S (Stainless Steel Valve)



330 Gallon Tote
Part# DEF330P (Plastic Valve)
Part# DEF330S (Stainless Steel Valve)

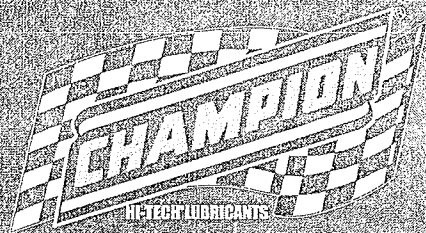
UPC Code	0-74804-02567-5	0-74804-03211-6	0-74804-03522-3	0-74804-03308-3	0-74804-03309-0
Case UPC Code	0-74804-12567-2				
Case SCC-14 Code	1-00-74804-02567-2	1-00-74804-03211-3			
Pack/Unit Case	4 per case	1 per case			
Weight/Case	37 lbs.	22.75 lbs.	522.5 lbs. (per drum)	2,684 lbs. (per tote)	3,132 lbs. (per tote)
Case Dimensions	15" w x 8.5" l x 12.25" h	9.5" w x 9.5" l x 10" h	22.5" dia. x 35.5" high	39.37" w x 45.26" l x 47.24" h	39.37" w x 52.36" l x 47.24" h
Cases Per Pallet	48	80	4 (drums)	1 (tote)	1 (tote)
Pallets/Cases Per Truck	22 / 1,056	22 / 1,760	20	16	14
Units Per Truck	4,224	1,760	80	16	14
Truckload Weight*	40,172 lbs.	41,140 lbs.	42,800 lbs.	42,944 lbs.	43,848 lbs.
Pallet Size	40" w x 48" l x 53.75" h	40" w x 48" l x 44.75" h	40" w x 48" l x 40.25" h	40" l x 48" w x 50.5" h	40" l x 48" w x 50.5" h
Pallet Weight*	1,826 lbs.	1,870 lbs.	2,140 lbs.	2,759 lbs.	3,207 lbs.
Cases/Rows High	12/4	20/4			

*includes product and pallet weight (50 lbs. each)



DEF ISO 22241

CHEMISTRY THAT DRIVES COMMERCE™



Champion Quantum All Season Hydraulic Oils

Champion Quantum All Season series oils are long-life hydraulic oils formulated with severely hydrotreated and hydrofinished API Group II base oils for improved oxidation resistance, viscosity retention, and cold-flow properties. These oils have excellent viscosity retention and cold-flow due to their very high viscosity indexes. They have moderate resistance to shear-thinning. These oils demonstrate excellent protection against wear, corrosion, and the build-up of sludge and varnish in even the most demanding, high-pressure hydraulic systems including those with positive-displacement vane and piston pumps and high-precision servo valves.

- Extended fluid life for longer service intervals
- Excellent filterability and cleanliness
- High thermal and oxidation stability
- Excellent demulsibility and air release
- Top-tier anti-wear performance
- Excellent cold-flow properties
- Forms thicker films at higher temperatures

Champion Quantum All Season series oils meet or exceed the following specifications:

- Parker (Denison) HF-0, HF-1, HF-2
- MAG (CM) P-68 (ISO 32), P-69 (ISO 46), P-70 (ISO 68)
- GM LS-2
- Joy HO-T, HO-S, HO-T2
- AIST (US Steel) 126, 127
- DIN 51524-3, Type HLVP
- ASTM D6158, Type HV
- ISO 6743/4, Type HV
- Eaton M-2950-S, I-286-S3
- Bosch Rexroth RE 90220
- SEB 181222
- AFNOR NF E 48-603 (HV)
- SAE MS 1004, Type HV
- ANSI/AGMA 9005-E02-RO
- ISO 11158, Type HV

Typical Properties	

*At point of manufacture

These oils are non-conductive as manufactured
These oils have a typical fluid life of 7,000 hours



Request for Bid (RFB)

Boone County Purchasing
613 E. Ash Street, Room 109
Columbia, MO 65201

Robert Wilson, Buyer
(573) 886-4393 – Fax: (573) 886-4390
Email: rwilson@boonecountymo.org

Bid Data

Bid Number: **43-09NOV17**
Commodity Title: **Shop Fluids - Term and Supply**

DIRECT BID FORMAT OR SUBMISSION QUESTIONS TO THE PURCHASING DEPARTMENT

Bid Submission Address and Deadline

Day / Date: **Thursday, November 09, 2017**
Time: **2:00 P.M. (Bids received after this time will be returned unopened)**
Location / Mail Address: **Boone County Purchasing Department
Boone County Annex Building
613 E. Ash Street, Room 109
Columbia, MO 65201**
Directions: The Annex Building is located on the Northwest corner at 7th Street and Ash Street. Enter the building from the South Side. Wheel chair accessible entrance is available on the South side of the building.

Bid Opening

Day / Date: **Thursday, November 09, 2017**
Time: **2:00 P.M. (Bids received after this time will be returned unopened)**
Location / Address: **Boone County Annex Building
613 E. Ash Street, Room 109
Columbia, MO 65201**

Bid Contents

- 1.0: **Introduction and General Conditions of Bidding**
- 2.0: **Primary Specifications**
- 3.0: **Response Presentation and Review**
- 4.0: **Response Form
Debarment Certification
Standard Terms and Conditions**

1. Introduction and General Conditions of Bidding

- 1.1. **INVITATION** - The County of Boone, through its Purchasing Department, invites responses, which offer to provide the goods and/or services identified on the title page, and described in greater detail in Section 2.
- 1.2. **DEFINITIONS**
- 1.2.1. **County** - This term refers to the County of Boone, a duly organized public entity. It may also be used as a pronoun for various subsets of the County organization, including, as the context will indicate:
Purchasing - The Purchasing Department, including its Purchasing Director and staff.
Department(s) or Office(s) - The County Department(s) or Office(s) for which this Bid is prepared, and which will be the end user(s) of the goods and/or services sought.
Designee - The County employee(s) assigned as your primary contact(s) for interaction regarding Contract performance.
- 1.2.2. **Bidder / Contractor / Supplier** - These terms refer generally to businesses having some sort of relationship to or with us. The term may apply differently to different classes of entities, as the context will indicate.
Bidder - Any business entity submitting a response to this Bid. Suppliers, which may be invited to respond, or which express interest in this bid, but which do not submit a response, have no obligations with respect to the bid requirements.
Contractor - The Bidder whose response to this bid is found by Purchasing to meet the best interests of the County. The Contractor will be selected for award, and will enter into a Contract for provision of the goods and/or services described in the Bid.
Supplier - All business(s) entities which may provide the subject goods and/or services.
- 1.2.3. **Bid** - This entire document, including attachments. A Bid may be used to solicit various kinds of information. The kind of information this Bid seeks is indicated by the title appearing at the top of the first page. A "Request for Bid" is used when the need is well defined. A "Request for Proposal" is used when the County will consider solutions, which may vary significantly from each other or from the County's initial expectations.
- 1.2.4. **Response** - The written, sealed document submitted according to the Bid instructions.
- 1.3. **BID CLARIFICATION** - Questions regarding this Bid should be directed in writing, by e-mail or fax, to the Purchasing Department. Answers, citing the question asked but not identifying the questioner, will be distributed simultaneously to all known prospective Bidders in the form of an addendum. We strongly suggest that you check for any addenda a minimum of [forty-eight] hours in advance of the bid deadline. Bids, addendums, bid tabulations and bid awards are posted on our web site at: www.showmeboone.com
Note: written requirements in the Bid or its Amendments are binding, but any oral communications between County and Bidder are not.
- 1.3.1. **Bidder Responsibility** - The Bidder is expected to be thoroughly familiar with all specifications and requirements of this Bid. Bidder's failure or omission to examine any relevant form, article, site or document will not relieve them from any obligation regarding this Bid. By submitting a Response, Bidder is presumed to concur with all terms, conditions and specifications of this Bid.
- 1.3.2. **Bid Amendment** - If it becomes evident that this Bid must be amended, the Purchasing Department will issue a formal written Amendment to all known prospective Bidders. If necessary, a new due date will be established.
- 1.4. **AWARD** - Award will be made to the Bidder(s) whose offer(s) provide the greatest value to the County from the standpoint of suitability to purpose, quality, service, previous experience, price, lifecycle cost, ability to deliver, or for any other reason deemed by Purchasing to be in the best interest of the County. Thus, the result will not be determined by price alone. The County will be seeking the least costly outcome that meets the County needs as interpreted by the County. The County reserves the right to award this bid on an item by item basis, or an "all or none" basis, whichever is in the best interest of the County. If a split award is not acceptable to a bidder, it must be stated in the bid response.

- 1.5. **CONTRACT EXECUTION** - This Bid and the Contractor's Response will be made part of any resultant Contract and will be incorporated in the Contract as set forth, verbatim.
- 1.5.1. **Precedence** - In the event of contradictions or conflicts between the provisions of the documents comprising this Contract, they will be resolved by giving precedence in the following order:
 - 1) the provisions of the Contract (as it may be amended);
 - 2) the provisions of the Bid;
 - 3) the provisions of the Bidder's Response.
- 1.6. **CONTRACT PERIOD** - The Term and Supply Contract period shall be from **January 1, 2018 through June 30, 2018 and may be automatically renewed for up to an additional five (5) six month periods** unless canceled by the Purchasing Director in writing prior to a renewal term.
- 1.6.1. **Contract Extension** - The County Purchasing Director may exercise the option to extend the contract on a month to month basis for a maximum of 6 months from the date of termination if it is deemed to be in the best interest of Boone County.
- 1.6.2. **Contract Documents** - The successful bidder(s) shall be obligated to enter into a written contract with the County within 30 days of award on contract forms provided by the County. If bidders desire to contract under their own written agreement, any such proposed agreement shall be submitted in blank with their bid. County reserves the right to modify any proposed form agreement or withdraw its award to a successful bidder if any proposed agreement contains terms and conditions inconsistent with its bid or are unacceptable to county legal counsel.
- 1.7. **COMPLIANCE WITH STANDARD TERMS AND CONDITIONS** - Bidder agrees to be bound by the County's standard "boilerplate" terms and conditions for Contracts, a sample of which is attached to this Bid.

2. Primary Specifications

- 2.1. **ITEMS TO BE PROVIDED** - Boone County, hereafter referred to as "County", proposes to contract with an individual(s) or organization(s), hereinafter referred to as "Contractor" for a Term and Supply contract for the Furnishing and Delivery of **Shop Fluids and Petroleum Products** as needed for the Boone County Public Works Department.
- 2.1.1. **Standard Shop Fluids and Petroleum Products** – Section 4.8. of this request lists standard shop fluids and petroleum products the County has identified as standard items to be purchased from this contract(s). **Bidder(s) shall provide ONLY brand name products when specified on the Bid Response sheet (No other equals will be accepted).** Bidders shall price each item listed. Prices will be firm for the initial contract period. Bidders must provide a maximum percentage cost increase for **all** contract periods for these items. Product spec sheet to be provided for each item.
- 2.2. **Material Specifications:**
- 2.2.1. **Universal Tractor Fluid** – Premium hydraulic/transmission fluid that exceeds the refill and service top-off needs of farm and industrial tractor transmission, differentials, and immersed disc brakes. Must meet or exceed Viscosity Index 145 or higher, John Deere J20C. Bulk tank capacity is 250 Gallons.
- 2.2.2. **15W-40** (Extended Service Interval) Heavy duty 15W-40 diesel engine oil performance requirements; API service rating of CK-4/SL, Detroit Diesel DFS93K222, CUMMINS CES 20086 and 10 TBN or higher. Bulk tank capacity is 250 Gallons.
- 2.2.3. **Hydraulic Oil (ISO-46)** – Premium industrial hydraulic oil for hydraulically activated equipment that utilizes high-performance pumps. Approvals to include Vickers 35VQ25 pump test and Denison HF-O pump test. Must also have minimum oxidation life of 5,000 hours per ASTM D943 (hours to TAN 2.0) Viscosity Index of 98 or higher. Bulk tank capacity is 250 Gallons.
- 2.2.4. **Hydraulic Oil (ISO-68)** – All Season hydraulic oil for hydraulically activated equipment that utilizes high-performance pumps. Parker HF-O, HF-1, HF-2, Viscosity Index of 165 or higher and minimum oxidation life of 7,000 hours per ASTM D943
- 2.2.5. **Coolant – Universal extended life coolant**, meets ASTM D-3306 and D-4340. 50/50 mixture. 1 Gallon Containers.
- 2.2.6. **Coolant – Fleet Charge or equal, heavy duty extended life coolant** (Cat EC-1 spec.) 50/50 pre-diluted mixture. 55 Gallon Drums.
- 2.2.7. **Gear Lubricant** – SAE 75-90W Full synthetic gear lube, API GL-5. 55 Barrel / Quart Containers.
- 2.2.8. **Grease – High Temperature Lithium Complex NLGI #2.** Dropping point 550 F or higher, Timken load 70 or higher. Cartridge type 10-14 oz. Quantities are per box (10 – 12 cartridges/box).
- 2.2.9. **Grease – High Performance Multi Purpose HD**, Extreme pressure with 5% Moly, NLGI1; GC-LB. Quantities are per box (10-12 cartridges/box).
- 2.2.10. **Grease - High Temperature Lithium Complex NLGI #2.** 120-pound barrel.
- 2.2.11. **Transmission Fluid** – Global Full Synthetic Automatic Transmission Fluid meeting specifications for GM (Dexron, Dexron II, IID, IIIG, IIHH, VI); Ford (Mercon, Mercon V, SP, LV, FNR5); and Allison (C-4, TES-295). 55 Gallon Drums.
- 2.2.12. **Engine Oil – SAE 0W-20 Full Synthetic**, API service rating SN Resource Conserving, ILSAC GF-5, ACEA A1/B1. 1 Quart Containers.
- 2.2.13. **Engine Oil – SAE 5W-40 Full Synthetic**, Meets or exceeds API service levels CJ-4, CI-4/Plus, CH-4, CG-4, CF-4. 55 Gallon Drum.
- 2.2.14. **Engine Oil – SAE 5W-20 Full Synthetic**, API service rating SN Resource Conserving, ILSAC GF-5, ACEA A1/B1. 1 Quart Containers.
- 2.2.15. **Engine Oil – SAE 5W-30 Full Synthetic**, API service rating SN Resource Conserving, ILSAC GF-5, ACEA A1/A5, B1/B5. 1 Quart Containers.
- 2.2.16. **Power Steering Fluid** – Ford, GM and Chrysler power steering units. 1 Quart Containers.
- 2.2.17. **Propylene Glycol** – Environmentally safe coolant. Sierra brand or equal, 50/50 mixture. 55 Gallon Drums and 5 Gallon Containers. For use in boiler systems.
- 2.2.18. **Diesel Exhaust Fluid** – API & ISO 22241-1 Certified; Meets AUS-32 Specifications

- 2.2.19. **Heavy Duty Reel-** 50ft. for Oil& ATF
- 2.2.20. **Electronic Meter/** qts. /gal. (Rigid/ Flexible Nozzle)
- 2.2.21. **(Optional) 5:1 Stub Pump-** oil, gear lube (barrel/ tank mount)
- 2.2.22. **(Optional) Storage Tank-** 330 Gal. Vertical steel tank stand-alone UL listed, 2” NPT top of tank ports (min. of 5), lockable fill cap, tank level gauge
- 2.3. **Quantity** - All orders will be made on an “as needed basis.” The quantities specified herein are estimates only based on past usage and anticipated future requirements, and as such, do not constitute a guarantee on the part of the County.
- 2.4. **DESIGNEE** - Boone County Public Works Department, Greg Edington, Director Public Works, 5551 Tom Bass Rd., Columbia, Missouri 65201.
- 2.5. **BID CLARIFICATION** - Any questions or clarifications concerning bid documents should be addressed to Robert Wilson, Buyer, Boone County Purchasing, 613 E. Ash St., Room 109, Columbia, Missouri 65201. Telephone (573) 886-4393 Fax (573) 886-4390, E-mail: rwilson@boonecountymo.org.
- 2.6. **DELIVERY** - Boone County Public Works Department, 5551 Tom Bass Rd., Columbia, Missouri 65201.
- 2.6.1. **Delivery Terms** - FOB Destination – Inside Delivery, with freight charges fully included and prepaid. The seller pays and bears the freight charges. Contractor shall have a maximum of three (3) business days to deliver product upon notification from receipt of an order.

3. Response Presentation and Review

- 3.1. **RESPONSE CONTENT** - In order to enable direct comparison of competing Responses, you must submit your Response in strict conformity to the requirements stated here. Failure to adhere to all requirements may result in your Response being disqualified as non-responsive. All Responses must be submitted using the provided Response Sheet. Every question must be answered and if not applicable, the section must contain "N/A" or "No Bid". Manufacturer's published specifications for the items requested shall be included with the response.
- 3.2. **SUBMITTAL OF RESPONSES** - Responses MUST be received by the date and time noted on the title page under "Bid Submission Information and Deadline". NO EXCEPTIONS. We are not responsible for late or incorrect deliveries from the US Postal Service or any other mail carrier.
- 3.2.1. **Submittal Package** - Submit, to the location specified on the title page, **three (3) complete copies** of your Response in a single sealed envelope, clearly marked on the outside with your company name and return address, the proposal number and the due date and time.
- 3.2.2. **Advice of Award** - A Bid Tabulation of responses received as well as Award status can be viewed at www.showmcboone.com under Purchasing Department.
- 3.3. **BID OPENING** - On the date and time and at the location specified on the title page under "Bid Opening", all Responses will be opened in public. Brief summary information from each will be read aloud.
- 3.3.1. **Removal from Vendor Database** - If any prospective Bidder currently in our Vendor Database to whom the Bid was sent elects not to submit a Response and fails to reply in writing stating reasons for not bidding, that Bidder's name may be removed from our database. Other reasons for removal include unwillingness or inability to show financial responsibility, reported poor performance, unsatisfactory service, or repeated inability to meet delivery requirements.
- 3.4. **RESPONSE CLARIFICATION** - We reserve the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.
- 3.4.1. **Rejection or Correction of Responses** - We reserve the right to reject any or all Responses. Minor irregularities or informalities in any Response which are immaterial or inconsequential in nature, and are neither affected by law nor at substantial variance with Bid conditions, may be waived at our discretion whenever it is determined to be in the County's best interest.
- 3.5. **EVALUATION PROCESS** - Our sole purpose in the evaluation process is to determine from among the Responses received which one is best suited to meet the County's needs at the lowest possible cost. Any final analysis or weighted point score does not imply that one Bidder is superior to another, but simply that in our judgment the Contractor selected appears to offer the best overall solution for our current and anticipated needs at the lowest possible cost.
- 3.5.1. **Method of Evaluation** - We will evaluate submitted responses in relation to all aspects of this Bid.
- 3.5.2. **Acceptability** - We reserve the sole right to determine whether goods and/or services offered are acceptable for our use.
- 3.5.3. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
- 3.5.4. **Endurance of Pricing** - Your pricing must be held until contract execution or 60 days, whichever comes first.

4. Response Form

4.1. Company Name: _____

4.2. Address: _____

4.3. City/Zip: _____

4.4. Phone Number: _____

4.5. Fax Number: _____

4.6. Federal Tax ID: _____

4.6.1. Corporation

Partnership - Name _____

Individual/Proprietorship - Individual Name _____

Other (Specify) _____

4.7. PAYMENT

4.7.1. Prompt Payment Terms: _____

4.7.2. Will you accept automated clearinghouse (ACH) for payment of invoices?

4.8. Pricing – please bid by unit of measure listed in this table

ITEM #	Unit of Measure	DESCRIPTION	Proposed Brand	QTY	UNIT PRICE	EXT PRICE (Qty x Unit Price)
4.8.1	GAL (BULK)	Universal Tractor Fluid		500	\$	\$
4.8.2	2.5 GAL	Universal Tractor Fluid		8	\$	\$
4.8.3	GAL	Universal Tractor Fluid		8	\$	\$
4.8.4	GAL (BULK)	15W-40 (Extended Service)		2,750	\$	\$
4.8.5	2.5 GAL	15W-40 (Extended Service)		8	\$	\$
4.8.6	GAL	15W-40 (Extended Service)		8	\$	\$
4.8.7	GAL (BULK)	Hydraulic Oil (ISO-46)		500	\$	\$
4.8.8	2.5 GAL	Hydraulic Oil (ISO-46)		8	\$	\$
4.8.9	GAL	Hydraulic Oil (ISO-46)		8	\$	\$
4.8.10	GAL	Coolant (DexCool or equal)		60	\$	\$
4.8.11	GAL	Coolant (Extended Life) 50/50.		18	\$	\$
4.8.12	55 GAL barrel	Coolant (Extended Life) 50/50.		220	\$	\$
4.8.13	QTS	Gear Lubricant 75w90 syn.		24	\$	\$
4.8.14	55 GAL. barrel	Gear Lubricant 75w90 syn.		1	\$	\$

4.8.15	Tube	Grease (Cartridge) NLGI #2	40	\$	\$
4.8.16	Tube	Grease (Cartridge) NLGI	40	\$	\$
4.8.17	120 lb. barrel	Grease NLGI #2	1	\$	\$
4.8.18	GAL	Automatic Transmission Fluid	8	\$	\$
4.8.19	55 GAL barrel	Automatic Transmission Fluid	4	\$	\$
4.8.20	1 QT container	0W-20	60	\$	\$
4.8.21	55 GAL barrel	5W-40	6	\$	\$
4.8.22	1 QT container	5W-20	60	\$	\$
4.8.23	1 QT container	5W-30	300	\$	\$
4.8.24	1 QT container	10W-30	12	\$	\$
4.8.25	1 QT container	Power Steering Fluid	12	\$	\$
4.8.26	55 GAL barrel	Propylene Glycol (50/50)	4	\$	\$
4.8.27	5 GAL container	Propylene Glycol (50/50)	10	\$	\$
4.8.28	2.5 GAL container	Diesel Exhaust Fluid	75	\$	\$
4.8.29	GAL	Diesel Exhaust Fluid - Bladder skid mounted.	3300	\$	\$
4.8.30	55 GAL. barrel	Hydraulic Oil (ISO-68)	2	\$	\$
4.8.31	2.5 GAL	Hydraulic Oil (ISO-68)	8	\$	\$
4.8.32	1	Oil Hose Reel	1	\$	\$
4.8.33	1	Electronic Meter	1	\$	\$
4.8.34	1	(Optional) Stub Pump	1	\$	\$
4.8.35	1	(Optional) Storage Tank	1	\$	\$
4.8.36		Total (4.8.1 - 4.8.36)		\$	\$

4.9. Maximum Percentage Increase or decrease for any renewal period
_____ %

4.10. Minimum discount from list for all products introduced after inception of the contract and all existing products not specified herein:
_____ %

4.11. Delivery After Receipt of Order (# days): _____

4.12. Will you honor the submitted prices for purchase by other entities in Boone County who participate in cooperative purchasing with Boone County, Missouri?

_____ Yes _____ No

4.13. **The undersigned offers to furnish and deliver the articles or services as specified at the prices and terms stated and in strict accordance with the specifications, instructions and general conditions of bidding which have been read and understood, and all of which are made part of this order.**

4.13.1. Type or Print Signed Name:

4.13.2. Authorized Representative (Sign by Hand):

4.13.3. Today's Date: _____

(Please complete and return with Contract)

Certification Regarding
Debarment, Suspension, Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 98 Section 98.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988, Federal Register (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS FOR CERTIFICATION)

- (1) The prospective recipient of Federal assistance funds certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective recipient of Federal assistance funds is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name and Title of Authorized Representative

Signature

Date

STANDARD TERMS AND CONDITIONS - BOONE COUNTY, MISSOURI

1. Contractor shall comply with all applicable federal, state, and local laws and failure to do so, in County's sole discretion, shall give County the right to terminate this Contract.
2. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Bid and/or Proposal.
3. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
4. Bidders must use the bid forms provided for the purpose of submitting bids, must return the bid and bid sheets comprised in this bid, give the unit price, extended totals, and sign the bid. The Purchasing Director reserves the right, when only one bid has been received by the bid closing date, to delay the opening of bids to another date and time in order to revise specifications and/or establish further competition for the commodity or service required. The one (1) bid received will be retained unopened until the new Closing date, or at request of bidder, returned unopened for re-submittal at the new date and time of bid closing.
5. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
6. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
7. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
8. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
9. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
10. Failure to deliver as guaranteed may disqualify Bidder from future bidding.
11. Prices must be as stated in units of quantity specified, and must be firm. Bids qualified by escalator clauses may not be considered unless specified in the bid specifications.
12. No bid transmitted by fax machine or e-mail will be accepted.
13. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
14. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms. The resulting contract will be considered "Non-Exclusive". The County reserves the right to purchase from other vendors.

15. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the *Federal Transit Administration's Best Practices Procurement Manual – Appendix A*. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.
16. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
17. Should an audit of Contractor's invoices during the term of the Agreement, and any renewals thereof, indicate that the County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30-days of being notified of the same.
18. **For all titled vehicles and equipment the dealer must use the actual delivery date to the County on all transfer documents** including the Certificate of Origin (COO,) Manufacturer's Statement of Origin (MSO,) Bill of Sale (BOS,) and Application for Title.
19. **Equipment and serial and model numbers** - The contractor is strongly encouraged to include equipment serial and model numbers for all amounts invoiced to the County. If equipment serial and model numbers are not provided on the face of the invoice, such information may be required by the County before issuing payment.



"No Bid" Response Form

Boone County Purchasing
613 E. Ash St., Room 109
Columbia, MO 65201
Robert Wilson, Buyer
(573) 886-4393– Fax: (573) 886-4390

"NO BID RESPONSE FORM"

**NOTE: COMPLETE AND RETURN THIS FORM ONLY IF YOU DO NOT WANT TO SUBMIT A
BID**

If you do not wish to respond to this bid request, but would like to remain on the Boone County vendor list for this service/commodity, please remove form and return to the Purchasing Department by email, mail, or fax.

If you would like to FAX this "No Bid" Response Form to our office, the FAX number is (573) 886-4390.

Bid: 43-09NOV17 – Shop Fluids - Term and Supply

Business Name: _____

Address: _____

Telephone: _____

Contact: _____

Date: _____

Reason(s) for not bidding:

CERTIFIED COPY OF ORDER

STATE OF MISSOURI

} ea.

December Session of the October Adjourned

Term. 20 17

County of Boone

In the County Commission of said county, on the

12th

day of

December 20 17

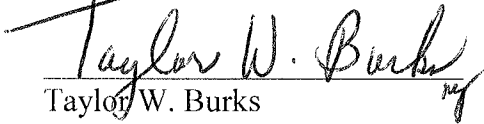
the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the utilization of the OSCA Cooperative Contract 18-007-07 for Drug/Alcohol Testing Equipment & Services with Redwood Toxicology Laboratory, Inc. of Santa Rosa, CA.

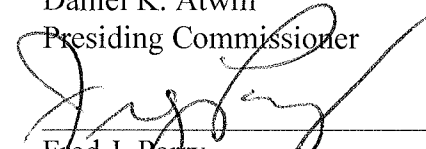
The terms of the Cooperative Contract are stipulated in the attached Purchase Agreement. It is further ordered the Presiding Commissioner is hereby authorized to sign said Purchase Agreement.

Done this 12th day of December, 2017

ATTEST:


Taylor W. Burks
Clerk of the County Commission


Daniel K. Atwill
Presiding Commissioner


Fred J. Parry
District I Commissioner


Janet M. Thompson
District II Commissioner

543-2017

Boone County Purchasing

Liz Palazzolo, CPPO, C.P.M
Senior Buyer



613 E. Ash St, Room 110
Columbia, MO 65201
Phone: (573) 886-4392
Fax: (573) 886-4390

MEMORANDUM

TO: Boone County Commission
FROM: Liz Palazzolo, Senior Buyer
DATE: November 29, 2017
RE: Cooperative Contract OSCA 18-007-07 – Drug/Alcohol Testing
Equipment & Services

Purchasing requests permission to use contract OSCA 18-007-07 for Drug and Alcohol Testing Equipment & Services established by the Missouri Office of State Courts Administrator with Redwood Toxicology Laboratory, Inc. of Santa Rosa, California as a cooperative contract. The contract provides a large variety of drug and alcohol tests with related services needed by Boone County.

It is noted that Redwood Toxicology Laboratory, Inc., is a previous contractor, and has provided satisfactory drug and alcohol tests including related service to the County.

The contract runs August 15, 2017 through June 15, 2018 and may be renewed for five (5) additional years. This is a county-wide term & supply contract with the Court Administration as the primary user. Court Administration users include Department 2830 for the Circuit Drug Court, account 86300 for Testing; Department 2904 for Alternative Sentencing/Proposition L/ PGME-LE Sales Tax, account 86300; and Department 2830 for the Veteran's Court Fund, account 86300 for Testing.

/lp

c: Contract File

543-2017

Boone County Purchasing

Liz Palazzolo
Senior Buyer



613 E. Ash Street, Room 109
Columbia, MO 65201
Phone: (573) 886-4392
Fax: (573) 886-4390
lpalazzolo@boonecountymo.org

November 6, 2017

Redwood Toxicology Laboratory, Inc.
ATTN: Ms. Courtney Knowles
3650 Westwind Blvd.
Santa Rosa, CA 95403

RE: OSCA Contract 18-007-07

Dear Mr. Chapman:

The County of Boone is interested in using the Missouri Office of State Courts Administrator (OSCA) cooperative contract OSCA 18-007-07 for Drug/Alcohol Testing Equipment and Services. Please sign and return **both copies** of the enclosed contract as soon as possible. The contract has to be read in Commission for the award recommendation and approval. Once this has occurred, the Boone County contract will be signed and an original copy returned to you.

Please have your insurance agent fax your current insurance certificate to (573) 886-4390 or e-mail: lpalazzolo@boonecountymo.org. The County's insurance requirements are attached. The County of Boone must be named as an "additional insured," and the policy must be current.

Upon Commission approval of the contract and receipt of required information above, the Purchasing Office will return one copy of the original contract to you.

Please contact me should you have any questions or need additional information. Boone County looks forward to continued business with your firm.

Sincerely,

A handwritten signature in black ink, appearing to read "Liz Palazzolo".

Liz Palazzolo, CPBO, C.P.M.
Senior Buyer

cc: Contract File

Insurance Requirements: The Contractor shall not commence work under this contract until they have obtained all insurance required under this paragraph and the Certificate of Insurance has been approved by the County, nor shall the Contractor allow any subcontractor to commence work on their subcontract until all similar insurance required of subcontractor has been so obtained and approved. All policies shall be in amounts, form and companies satisfactory to the County which must carry an A-6 or better rating as listed in the A.M. Best or equivalent rating guide. Insurance limits indicated below may be lowered at the discretion of the County.

Employers Liability and Workers Compensation Insurance - The Contractor shall take out and maintain during the life of this contract, **Employers Liability and Workers Compensation Insurance** for all of its employees employed at the site of work, and in case any work is sublet, the Contractor shall require the subcontractor similarly to provide Workers Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor. Workers Compensation coverage shall meet Missouri statutory limits. Employers Liability limits shall be \$500,000.00 each employee, \$500,000.00 each accident, and \$500,000.00 policy limit. In case any class of employees engaged in hazardous work under this Contract at the site of the work is not protected under the Workers Compensation Statute, the Contractor shall provide and shall cause each subcontractor to provide Employers Liability Insurance for the protection of their employees not otherwise protected.

Commercial General Liability Insurance - The Contractor shall take out and maintain during the life of this contract, such commercial general liability insurance as shall protect it and any subcontractor performing work covered by this contract, from claims for damages for personal & advertising injury, bodily injury including accidental death, as well as from claims for property damages, which may arise from operations under this contract, whether such operations be by themselves or for any subcontractor or by anyone directly or indirectly employed by them. The amounts of insurance shall be not less than \$2,000,000.00 combined single limit for any one occurrence covering both bodily injury and property damage, including accidental death. If the Contract involves any underground/digging operations, the general liability certificate shall include X, C, and U (Explosion, Collapse, and Underground) coverage. If providing Commercial General Liability Insurance, then the Proof of Coverage of Insurance shall also be included.

Contractor may satisfy the minimum liability limits required for Commercial General Liability or Business Auto Liability under an Umbrella or Excess Liability policy. There is no minimum per occurrence limit of liability under the umbrella or Excess Liability; however, the Annual Aggregate limit shall not be less than the highest "Each Occurrence" limit for either Commercial General Liability or Business Auto Liability. **Contractor agrees to include the County as an Additional Insured on the umbrella or Excess Liability, unless the Certificate of Insurance state the Umbrella or Excess Liability provides coverage on a "Follow-Form" basis.**

Business Automobile Liability – The Contractor shall maintain during the life of this contract, automobile liability insurance in the amount of not less than \$2,000,000.00

combined single limit for any one occurrence, covering both bodily injury, including accidental death, and property damage, to protect themselves from any and all claims arising from the use of the Contractor's own automobiles, teams and trucks; hired automobiles, teams and trucks; non-owned and both on and off the site of work.

Subcontractors: Contractor shall cause each Subcontractor to purchase and maintain insurance of the types and amounts specified herein. Limits of such coverage may be reduced only upon written agreement of County. Contractor shall provide to County copies of certificates of insurance evidencing coverage for each Subcontractor. Subcontractors' commercial general liability and business automobile liability insurance shall name County as Additional Insured and have the Waiver of Subrogation endorsements added.

Proof of Carriage of Insurance - The Contractor shall furnish the County with Certificate(s) of Insurance which name the County as additional insured in an amount as required in this contract. The Certificate of Insurance shall provide that there will be no cancellation, non-renewal or reduction of coverage without 30 days prior written notice to the County. In addition, such insurance shall be on an occurrence basis and shall remain in effect until such time as the County has made final acceptance of the services provided.

INDEMNITY AGREEMENT: To the fullest extent permitted by law, Contractor shall indemnify, hold harmless and defend the County, its directors, officers, agents, and employees from and against all *third-party* claims, damages, losses and expenses (including but not limited to attorney's fees) arising by reason of any act or failure to act, negligent or otherwise, of Contractor, of any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), of anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, in connection with providing these services. This provision does not, however, require contractor to indemnify, hold harmless, or defend the County of Boone *including its directors, officers, agents and employees* from its own negligence.

Nothing in these requirements shall be construed as a waiver of any governmental immunity of the County, its officials nor any of its employees in the course of their official duties.

Failure to maintain the required insurance in force may be cause for contract termination. In the event the Agency/Service fails to maintain and keep in force the required insurance or to obtain coverage from its subcontractors, the County shall have the right to cancel and terminate the contract without notice.

Certificate Holder address:

County of Boone, Missouri
C/O Purchasing Department
613 E. Ash Street
Columbia, MO 65201

**PURCHASE AGREEMENT
FOR
OSCA 18-007-07 Drug-Alcohol Testing Equipment and Services**

THIS AGREEMENT dated the 12th day of December 2017 is made between Boone County, Missouri, a political subdivision of the State of Missouri through the Boone County Commission, herein "County" and **Redwood Toxicology Laboratory, Inc.** herein "Vendor."

IN CONSIDERATION of the parties performance of the respective obligations contained herein, the parties agree as follows:

1. **Contract Documents** - This agreement shall consist of this Purchase Agreement for Drug-Alcohol Testing Equipment and Services, in compliance with all bid specifications and any addenda issued for the Missouri Office of State Courts Administrator (OSCA) contract OSCA 18-007-07, and the Standard Terms and Conditions of Boone County, Missouri. All such documents shall constitute the contract documents which are incorporated herein by reference. Service or product data, specification and literature submitted with the bid response may be permanently maintained in the County Purchasing Office bid file for this bid if not attached. In the event of conflict between any of the foregoing documents, this Purchase Agreement, OSCA contract OSCA 18-007-07, and the Standard Terms and Conditions of Boone County, Missouri shall prevail and control over the vendor's bid response.

2. **Purchase** - The County agrees to purchase from the Vendor and the Vendor agrees to supply the County with **Drug -Alcohol Testing Equipment and Services**, as specified and priced in OSCA contract OSCA 18-007-07. Prices for services follow in **Attachment One**.

3. **Contract Term** - This agreement shall commence on **the date written above and extend through June 30, 2018** subject to the provisions for termination specified below. The contract has five (5) one-year renewal options available.

4. **Billing and Payment** - All billing shall be invoiced to the using department. Billings may only include the prices listed in the vendor's bid response. No additional fees for paper work processing, labor, or taxes shall be included as additional charges in excess of the charges in the Vendor's bid response to the specifications. The County agrees to pay all Monthly Statements within thirty days of receipt. In the event of a billing dispute, the County reserves the right to withhold payment on the disputed amount; in the event the billing dispute is resolved in favor of the Vendor, the County agrees to pay interest at a rate of 9% per annum on disputed amounts withheld commencing from the last date that payment was due.

5. **Binding Effect** - This agreement shall be binding upon the parties hereto and their successors and assigns for so long as this agreement remains in full force and effect.

6. **Termination** - This agreement may be terminated by the County upon thirty days advance written notice for any of the following reasons or under any of the following circumstances:

- a. The County may terminate this agreement due to material breach of any term or condition of this agreement; or
- b. the County may terminate this agreement if in the opinion of the Boone County Commission if delivery of products are delayed or products delivered are not in conformity with bidding specifications or variances authorized by County; or

STANDARD CONTRACT TERMS AND CONDITIONS - BOONE COUNTY, MISSOURI

1. Contractor shall comply with all applicable federal, state, and local laws and failure to do so, in County's sole discretion, shall give County the right to terminate this Contract.
2. Prices shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department.
3. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County. The Purchasing Director reserves the right, when only one bid has been received by the bid closing date, to delay the opening of bids to another date and time in order to revise specifications and/or establish further competition for the commodity or service required. The one (1) bid received will be retained unopened until the new Closing date, or at request of bidder, returned unopened for re-submittal at the new date and time of bid closing.
4. When products or materials of any particular producer or manufacturer are mentioned in our contracts, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
5. Do not include Federal Excise Tax or Sales and Use Taxes in billing, as law exempts the County from them.
6. The delivery date shall be stated in definite terms.
7. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
8. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Contractor responsible for any excess cost occasioned thereby.
9. Failure to deliver as guaranteed may disqualify Contractor from future bidding.
10. Prices must be as stated in units of quantity specified, and must be firm.
11. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
12. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms. The resulting contract will be considered "Non-Exclusive". The County reserves the right to purchase advertising from other vendors.
13. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference.

These clauses can generally be found in the Federal Transit Administration's Best Practices Procurement Manual – Appendix A. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.

14. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
15. Should an audit of Contractor's invoices during the term of the Agreement, and any renewals thereof, indicate that the County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30-days of being notified of the same.
16. **For all titled vehicles and equipment the dealer must use the actual delivery date to the County** on all transfer documents including the Certificate of Origin (COO,) Manufacturer's Statement of Origin (MSO,) Bill of Sale (BOS,) and Application for Title.
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Employers Liability and Workers Compensation Insurance - The Contractor shall take out and maintain during the life of this contract, **Employers Liability and Workers Compensation Insurance** for all of its employees employed at the site of work, and in case any work is sublet, the Contractor shall require the subcontractor similarly to provide Workers Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor. Workers Compensation coverage shall meet Missouri statutory limits. Employers Liability limits shall be \$500,000.00 each employee, \$500,000.00 each accident, and \$500,000.00 policy limit. In case any class of employees engaged in hazardous work under this Contract at the site of the work is not protected under the Workers Compensation Statute, the Contractor shall provide and shall cause each subcontractor to provide Employers Liability Insurance for the protection of their employees not otherwise protected.

Commercial General Liability Insurance - The Contractor shall take out and maintain during the life of this contract, such commercial general liability insurance as shall protect it and any subcontractor performing work covered by this contract, from claims for damages for personal & advertising injury, bodily injury including accidental death, as well as from claims for property damages, which may arise from operations under this contract, whether such operations be by themselves or for any subcontractor or by anyone directly or indirectly employed by them. The amounts of insurance shall be not less than \$2,000,000.00 combined single limit for any one occurrence covering both bodily injury and property damage, including accidental death. If the Contract involves any underground/digging operations, the general liability certificate shall include X, C, and U (Explosion, Collapse, and Underground) coverage. If providing Commercial General Liability Insurance, then the Proof of Coverage of Insurance shall also be included.

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Subcontractors: Contractor shall cause each Subcontractor to purchase and maintain insurance of the types and amounts specified herein. Limits of such coverage may be reduced only upon written agreement of County. Contractor shall provide to County copies of certificates of insurance evidencing coverage for

each Subcontractor. Subcontractors' commercial general liability and business automobile liability insurance shall name County as Additional Insured and have the Waiver of Subrogation endorsements added.

Proof of Carriage of Insurance - The Contractor shall furnish the County with Certificate(s) of Insurance which name the County as additional insured in an amount as required in this contract. The Certificate of Insurance shall provide that there will be no cancellation, non-renewal or reduction of coverage without 30 days prior written notice to the County. In addition, such insurance shall be on an occurrence basis and shall remain in effect until such time as the County has made final acceptance of the services provided.

INDEMNITY AGREEMENT: To the fullest extent permitted by law, Contractor shall indemnify, hold harmless and defend the County, its directors, officers, agents, and employees from and against all *third-party* claims, damages, losses and expenses (including but not limited to attorney's fees) arising by reason of any act or failure to act, negligent or otherwise, of Contractor, of any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), of anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, in connection with providing these services. This provision does not, however, require contractor to indemnify, hold harmless, or defend the County of Boone *including its directors, officers, agents and employees* from its own negligence.

Nothing in these requirements shall be construed as a waiver of any governmental immunity of the County, its officials nor any of its employees in the course of their official duties.

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Certificate Holder address:

County of Boone, Missouri
C/O Purchasing Department
613 E. Ash Street
Columbia, MO 65201

INSTRUCTIONS FOR COMPLIANCE WITH HOUSE BILL 1549

House Bill 1549 addresses the Department of Homeland Security's and the Social Security Administration's E-Verify Program (Employment Eligibility Verification Program) that requires the County to verify "lawful presence" of individuals when we contract for work/service; verify that contractor has programs to verify lawful presence of their employees when contracts exceed \$5,000; and a requirement for OSHA safety training for public works projects.

The County is required to obtain certification that the bidder awarded the attached contract participates in a federal work authorization program. To obtain additional information on the Department of Homeland Security's E-Verify program, go to:

<http://www.uscis.gov/portal/site/uscis/menuitem.eb1d4c2a3e5b9ac89243c6a7543f6d1a/?vgnextoid=75bce2e261405110VgnVCM1000004718190aRCRD&vgnnextchannel=75bce2e261405110VgnVCM1000004718190aRCRD>

Please complete and return form *Work Authorization Certification Pursuant to 285.530 RSMo* if your contract amount is in excess of \$5,000. **Attach to this form the first and last page of the *E-Verify Memorandum of Understanding* that you completed when enrolling for proof of enrollment.**

If you are an Individual/Proprietorship, then you must return the attached *Certification of Individual Bidder*. On that form, you may do one of the three options listed. Be sure to attach any required information for those options as detailed on the *Certification of Individual Bidder*. If you choose option number two, then you will also need to complete and return the attached form *Affidavit*.

THE E-VERIFY PROGRAM FOR EMPLOYMENT VERIFICATION MEMORANDUM OF UNDERSTANDING

ARTICLE I

PURPOSE AND AUTHORITY

This Memorandum of Understanding (MOU) sets forth the points of agreement between the Department of Homeland Security (DHS) and Redwood Toxicology Laboratory (Employer) regarding the Employer's participation in the Employment Eligibility Verification Program (E-Verify). This MOU explains certain features of the E-Verify program and enumerates specific responsibilities of DHS, the Social Security Administration (SSA), and the Employer. E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of the Employment Eligibility Verification Form (Form I-9). For covered government contractors, E-Verify is used to verify the employment eligibility of all newly hired employees and all existing employees assigned to Federal contracts.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note). Authority for use of the E-Verify program by Federal contractors and subcontractors covered by the terms of Subpart 22.18, "Employment Eligibility Verification", of the Federal Acquisition Regulation (FAR) (hereinafter referred to in this MOU as a "Federal contractor") to verify the employment eligibility of certain employees working on Federal contracts is also found in Subpart 22.18 and in Executive Order 12989, as amended.

ARTICLE II

FUNCTIONS TO BE PERFORMED

A. RESPONSIBILITIES OF SSA

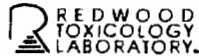
1. SSA agrees to provide the Employer with available information that allows the Employer to confirm the accuracy of Social Security Numbers provided by all employees verified under this MOU and the employment authorization of U.S. citizens.
2. SSA agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. SSA agrees to provide the Employer with names, titles, addresses, and telephone numbers of SSA representatives to be contacted during the E-Verify process.
3. SSA agrees to safeguard the information provided by the Employer through the E-Verify program procedures, and to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security Numbers and for evaluation of the E-Verify program or such other persons or entities who may be authorized by SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).



Company ID Number: 182973

Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:

Name:	Lisa M Downing	Fax Number:	(707) 579 - 0761
Telephone Number:	(707) 577 - 7958 ext. 135		
E-mail Address:	ldowning@redwoodtoxicology.com		



3650 Westwind Boulevard
 Santa Rose, CA 95492
 phone 800.255.2159
 fax 707.577.8102

**ATTACHMENT ONE
 Pricing Schedule**

**Missouri Office of State Courts Administrator
 RFP No. OSCA 18-007 / updated July 31, 2017**

Items highlighted in green match services currently offered on the existing OSCA contract.

Section I: Laboratory Drug & Alcohol Testing Services - Urine

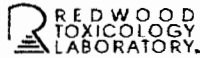
Urine Lab Tests - Standard Drugs

Standard drugs include: Alcohol (Ethanol), Amphetamines/Methamphetamines, Barbiturates, Benzodiazepines, Cocaine, Ecstasy (MDMA), Marijuana (THC), Methadone, Opiates, PCP, Propoxyphene.

TEST CODE	DRUG(S)	DESCRIPTION	PRICE PER SPECIMEN
Various	1	One Drug Standard Urine Lab Panel - Screen Only	\$ 1.00
Various	4	Four Drug Standard Urine Lab Panel - Screen Only	\$ 3.25
Various	5	Five Drug Standard Urine Lab Panel - Screen Only	\$ 3.25
Various	6	Six Drug Standard Urine Lab Panel - Screen Only	\$ 3.55
Various	7	Seven Drug Standard Urine Lab Panel - Screen Only	\$ 3.65
Various	8	Eight Drug Standard Urine Lab Panel - Screen Only	\$ 3.75
Various	9	Nine Drug Standard Urine Lab Panel - Screen Only	\$ 4.00
Various	10	Ten Drug Standard Urine Lab Panel - Screen Only	\$ 4.25
Various	11	Eleven Drug Standard Urine Lab Panel with Oxycodone - Screen Only	\$ 6.50
TBD	12	Twelve Drug Screen Urine Lab Panel with EtG & Tramadol - Screen Only	\$ 8.50
Various	1	ALC, AMP/MAMP, BAR, BUP, BZO, COC, ETG, MTD, OPI, OXY, THC, Tramadol	\$ 9.00
Various	1	GC-MS, LC-MS/MS or GC-FID Standard Urine Confirmation - cost per drug	\$ 9.00
P69	1	Specimen Validity Panel - Creatinine, pH & Specific Gravity	\$ 1.25

Urine Lab Tests - Specialty Drugs

TEST CODE	DRUG(S)	DESCRIPTION	PRICE PER SPECIMEN
5210	1	Ambien (Zolpidem)	\$ 25.00
		Buprenorphine - Add-On Screen Only	
N/A	1	<i>*Price added on and applicable only when built into a routine panel</i>	\$ 1.50
092	1	Buprenorphine - Screen Only	\$ 5.00
5292	1	Buprenorphine - Confirmation Only	\$ 12.50
2267	1	Carisoprodol (Soma) - Screen Only	\$ 8.00
5271	1	Carisoprodol (Soma) - Confirmation Only	\$ 15.00
1273	1	Cotinine (Nicotine metabolite) - Screen Only	\$ 5.00
1243	1	Dextromethorphan - Screen Only	\$ 8.00
5243	1	Dextromethorphan - Confirmation Only	\$ 15.00
		Ethyl Glucuronide (EtG) Alcohol Metabolite - Add-On Screen Only	
N/A	1	<i>*Price added on and applicable only when built into a routine panel</i>	\$ 2.00
049 or 050	1	Ethyl Glucuronide (EtG) Alcohol Metabolite - Stand-Alone Screen Only	\$ 5.00
646 or 647	1	Ethyl Glucuronide/Ethyl Sulfate (EtG/EtS) Alcohol metabolite - EtG Screen with Automatic Confirmation of Positives for both EtG & EtS	\$ 11.00
5747	1	Ethyl Glucuronide/Ethyl Sulfate (EtG/EtS) Confirmation	\$ 9.00
		Fentanyl - Add-On Screen Only	
N/A	1	<i>*Price added on and applicable only when built into a routine panel</i>	\$ 1.50
2101	1	Fentanyl - Screen Only	\$ 5.00
5504	1	Fentanyl - Confirmation Only	\$ 40.00
5560	1	Gabapentin	\$ 65.00
5503	1	GHB	\$ 50.00
094	1	Heroin metabolite (6-MAM) - Screen Only	\$ 3.50
5094	1	Heroin metabolite (6-MAM) - Confirmation Only	\$ 12.50
5501	1	Ketamine	\$ 15.00
596C	1	Kratom	\$ 40.00
1163	1	LSD	\$ 15.00
		Oxycodone - Add-On Screen Only	
N/A	1	<i>*Price added on and applicable only when built into a routine panel</i>	\$ 1.00
098	1	Oxycodone - Stand-Alone Screen Only	\$ 5.00
5098	1	Oxycodone - Confirmation Only	\$ 12.50
		Tramadol - Add-On Screen Only	
N/A	1	<i>*Price added on and applicable only when built into a routine panel</i>	\$ 1.50
091	1	Tramadol - Screen Only	\$ 8.00
5212	1	Tramadol - Confirmation Only	\$ 15.00



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Items highlighted in green match services currently offered on the existing OSCA contract.

Section I: Laboratory Drug & Alcohol Testing Services - Urine (continued)

Urine Lab Tests - Specialty Drug Panels

TEST CODE	DRUG(S)	DESCRIPTION	PRICE PER SPECIMEN
P45	Multi	Comprehensive Panel - Screen Only / Confirmation for additional fee of \$20.00 per drug. Detects over 600 brand name prescription drugs, illicit drugs, and alcohol.	\$ 35.00
P80	21	Designer Stimulants (Bath Salts) - Expanded Panel	\$ 30.00
P81	3	Designer Stimulants (Bath Salts) - Short Panel (MDPV, Mephedrone, Methyone)	\$ 18.00
6473	19	Synthetic Marijuana (K2/Spice) - Standard Panel	\$ 18.00
8474	37	Synthetic Marijuana (K2/Spice) - Premium Panel	\$ 30.00
5550	Multi	Steroid Testing	\$ 45.00

Section II: Laboratory Drug & Alcohol Testing Services - Oral Fluids

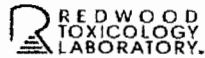
Oral Fluid Lab Tests - Standard Drugs

Standard drugs include: Alcohol (Ethanol), Amphetamines, Barbiturates, Benzodiazepines, Cocaine, Marijuana (THC), Methadone, Methamphetamines, Opiates, Oxycodone, PCP.

TEST CODE	DRUG(S)	DESCRIPTION	PRICE PER SPECIMEN
2101001	N/A	Quantisal Oral Fluid Collection Device - purchase required prior to testing	\$ 1.90
Various	1	GC-MS, LC-MS/MS or GC-FID Standard Oral Fluid Confirmation - cost per drug	\$ 12.50
Various	6	Six Drug Standard Oral Fluid Lab Panel - Screen Only	\$ 6.00
Various	7	Seven Drug Standard Oral Fluid Lab Panel - Screen Only	\$ 7.00
9520	8	Eight Drug Standard Oral Fluid Lab Panel - Screen Only	\$ 6.00
Various	9	Nine Drug Standard Oral Fluid Lab Panel - Screen Only	\$ 7.00
Various	10	Ten Drug Standard Oral Fluid Lab Panel - Screen Only	\$ 8.00
Various	11	Eleven Drug Standard Oral Fluid Lab Panel - Screen Only	\$ 8.50
9501, 9518	6	Six Drug Standard Oral Fluid Lab Panel - Screen + Auto Confirm of Positives	\$ 9.00
Various	7	Seven Drug Standard Oral Fluid Lab Panel - Screen + Auto Confirm of Positives	\$ 11.00
Various	8	Eight Drug Standard Oral Fluid Lab Panel - Screen + Auto Confirm of Positives	\$ 12.00
Various	9	Nine Drug Standard Oral Fluid Lab Panel - Screen + Auto Confirm of Positives	\$ 13.00
Various	10	Ten Drug Standard Oral Fluid Lab Panel - Screen + Auto Confirm of Positives	\$ 14.00
Various	11	Eleven Drug Standard Oral Fluid Lab Panel - Screen + Auto Confirm of Positives	\$ 15.00

Oral Fluid Lab Tests - Specialty Drugs

TEST CODE	DRUG(S)	DESCRIPTION	PRICE PER SPECIMEN
N/A	1	Buprenorphine - Add to a screen only panel	\$ 1.00
N/A	1	Buprenorphine - Add to an automatic confirmation panel	\$ 1.50
F25	19	Synthetic Cannabinoids (K2/Spice)	\$ 18.00
TBD	N/A	Designer Stimulants (Bath Salts)	\$ 25.00
TBD	N/A	Tramadol	\$ 25.00



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Section III: Laboratory Supplemental Services

Problematic Specimen Charges and Additional Service Charges

TEST CODE	DESCRIPTION	PRICE PER OCCURRENCE
QNS	Insufficient Volume	\$ -
PROB	Chain of Custody (COC) and/or Specimen Label Errors	\$ -
	Product and/or Supply Shipping Errors due to Incorrect Address Provided	\$ -
ADS	Accidental Delivery Specimen - Specimen Sent to RTL in Error	\$ -
PULL	Specimen Retrieval from Storage for Follow-Up Testing	\$ -
FEDEX	Short Shipment - Less than Five (5) Specimens	\$ -
AFFD	Affidavits	\$ -
INTP	Interpretations	\$ -
STAT	STAT Testing Requests (Priority)	\$ -
CORT	Telephonic or Webinar Court Testimony	\$ -
	In-Person Court Testimony	\$ -

Collection & Shipping Supplies

RTL provides all necessary urine specimen collection and shipping supplies to its clients at no additional cost. For urine testing, these

- Urine specimen collection containers: 60 mL or 90mL bottles with lids and built-in temperature strips.
- Specimen baggies with absorbent material
- Preprinted Chain of Custody forms/labels & security seals
- Pre-paid FedEx or UPS lab packs or pre-paid U.S. mailer boxes.

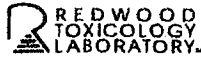
Lab Supply Shipping and Handling: Outbound lab supply orders will be shipped at no charge for ground service delivery. Expedited shipping of supplies will be charged on an 'at cost' basis. FOB Destination per bid specifications.

Specimen Shipment to RTL: Next day air service of inbound specimens sent to RTL for testing is provided at no charge; however, it is requested that five (5) or more urine and/or oral fluids specimens are sent in each FedEx overnight shipment. Any combination of urine and/or oral fluids devices may be shipped together via FedEx overnight service.

Section IV: Specimen Collection Services

Specimen Collection Services (Tomo Drug Testing)

DESCRIPTION	PRICE PER COLLECTION
Specimen Collection Services - price for collection only, test at cost <i>Only available at existing Tomo locations. Specimens collected by Tomo will only be sent to Redwood Toxicology.</i>	\$ 6.25



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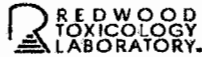
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Section V: Rapid Test Drug & Alcohol Screening Devices

REDITEST PANEL-DIP SUBSTANCE ABUSE TEST DEVICE

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 102 0018	1	PANEL DIP 01 AMPHETAMINES 1000 (AMP 1000)	\$0.33	\$8.25
01 102 2198	1	PANEL DIP 01 AMPHETAMINES 300 (AMP 300)	\$0.33	\$8.25
01 102 0019	1	PANEL DIP 01 BARBITURATES 300 (BAR)	\$0.33	\$8.25
01 102 0022	1	PANEL DIP 01 BENZODIAZEPINES 300 (BZO)	\$0.33	\$8.25
01 102 0189	1	PANEL DIP 01 COCAINE 150 (COC 150)	\$0.33	\$8.25
01 102 0001	1	PANEL DIP 01 COCAINE 300 (COC 300)	\$0.33	\$8.25
01 102 0036	1	PANEL DIP 01 ECSTASY 500 (MDMA)	\$0.33	\$8.25
01 102 0004	1	PANEL DIP 01 MARIJUANA 50 (THC)	\$0.33	\$8.25
01 102 0020	1	PANEL DIP 01 METHADONE 300 (MTD)	\$0.33	\$8.25
01 102 0190	1	PANEL DIP 01 METHAMPHETAMINES 500 (MAMP 500)	\$0.33	\$8.25
01 102 0002	1	PANEL DIP 01 METHAMPHETAMINES 1000 (MAMP 1000)	\$0.33	\$8.25
01 102 0003	1	PANEL DIP 01 OPIATES 300 (MOP 300)	\$0.33	\$8.25
01 102 1977	1	PANEL DIP 01 OPIATES 2000 (OPI 2000)	\$0.33	\$8.25
01 102 0037	1	PANEL DIP 01 OXYCODONE 100 (OXY)	\$0.33	\$8.25
01 102 0021	1	PANEL DIP 01 PHENCYCLIDINE 25 (PCP)	\$0.33	\$8.25
01 102 1971	1	PANEL DIP 01 PROPOXYPHENE 300 (PPX)	\$0.33	\$8.25
01 102 0023	1	PANEL DIP 01 TRICYCLIC ANTIDEPRESSANTS 1000 (TCA)	\$0.33	\$8.25
01 102 0173	1	PANEL DIP 01 BUPRENORPHINE 10 (BUP)	\$0.80	\$20.00
01 191 6335	1	PANEL DIP 01 K2 SPICE 30 - For Forensic Use Only	\$1.50	\$37.50
01 501 0008	1	PANEL DIP 01 ETG 500 - For Forensic Use Only	\$2.00	\$50.00
01 501 0009	1	PANEL DIP 01 FENTANYL 200 - For Forensic Use Only	\$1.55	\$38.75
01 102 0005	2	PANEL DIP 02 COC300/MOP300	\$0.67	\$16.75
01 102 0006	2	PANEL DIP 02 COC300/THC	\$0.67	\$16.75
01 102 0007	2	PANEL DIP 02 COC300/MAMP1000	\$0.67	\$16.75
01 102 0008	2	PANEL DIP 02 MAMP1000/THC	\$0.67	\$16.75
01 102 0191	2	PANEL DIP 02 COC150/THC	\$0.67	\$16.75
01 102 0192	2	PANEL DIP 02 MAMP500/THC	\$0.67	\$16.75
01 102 0009	3	PANEL DIP 03 COC300/MAMP1000/THC	\$0.86	\$21.50
01 102 0010	3	PANEL DIP 03 COC300/MOP300/THC	\$0.86	\$21.50
01 102 0011	3	PANEL DIP 03 MAMP1000/MOP300/THC	\$0.86	\$21.50
01 102 0014	3	PANEL DIP 03 COC300/MAMP1000/MOP300	\$0.86	\$21.50
01 102 0193	3	PANEL DIP 03 COC150/MAMP500/THC	\$0.86	\$21.50
01 102 0194	3	PANEL DIP 03 COC150/MOP300/THC	\$0.86	\$21.50
01 102 0012	4	PANEL DIP 04 COC300/MAMP1000/MOP300/THC	\$1.13	\$28.25
01 102 0032	4	PANEL DIP 04 AMP1000/COC300/MOP300/THC	\$1.13	\$28.25
01 102 0195	4	PANEL DIP 04 COC150/MAMP500/MOP300/THC	\$1.13	\$28.25
01 102 0199	4	PANEL DIP 04 AMP1000/COC150/MOP300/THC	\$1.13	\$28.25
01 102 0013	5	PANEL DIP 05 COC300/MAMP1000/MOP300/PCP/THC	\$1.39	\$34.75
01 102 0015	5	PANEL DIP 05 BZO/COC300/MAMP1000/MOP300/THC	\$1.39	\$34.75
01 102 0033	5	PANEL DIP 05 AMP1000/COC300/MOP300/PCP/THC	\$1.39	\$34.75
01 102 0034	5	PANEL DIP 05 AMP1000/COC300/MAMP1000/MOP300/THC	\$1.39	\$34.75
01 102 0047	5	PANEL DIP 05 AMP1000/COC300/OPI2000/PCP/THC	\$1.39	\$34.75
01 102 0201	5	PANEL DIP 05 AMP1000/COC150/MAMP500/MOP300/THC	\$1.39	\$34.75
01 102 0196	5	PANEL DIP 05 COC150/MAMP500/MOP300/PCP/THC	\$1.39	\$34.75
01 102 0200	5	PANEL DIP 05 AMP1000/COC150/MOP300/PCP/THC	\$1.39	\$34.75



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Section V: Rapid Test Drug & Alcohol Screening Devices

REDITEST PANEL-DIP SUBSTANCE ABUSE TEST DEVICE

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 102 0174	6	PANEL DIP 06 AMP300/COC150/MAMP500/MDMA500/MOP300/THC50	\$1.62	\$40.50
01 102 0016	6	PANEL DIP 06 BZO/COC300/MAMP1000/MOP300/PCP/THC	\$1.62	\$40.50
01 102 0017	6	PANEL DIP 06 BZO/COC300/MAMP1000/MTD/MOP300/THC	\$1.62	\$40.50
01 102 0024	6	PANEL DIP 06 BAR/BZO/COC300/MAMP1000/MOP300/THC	\$1.62	\$40.50
01 102 0119	6	PANEL DIP 06 BZO/COC300/MAMP1000/MOP300/OXY/THC	\$1.62	\$40.50
01 102 0175	6	PANEL DIP 06 BZO/COC150/MAMP500/MDMA/MOP300/THC	\$1.62	\$40.50
01 102 0202	6	PANEL DIP 06 BZO/COC150/MAMP500/MOP300/OXY/THC	\$1.62	\$40.50
01 102 0203	6	PANEL DIP 06 AMP1000/BZO/COC150/MAMP500/MOP300/THC	\$1.62	\$40.50
01 102 0035	7	PANEL DIP 07 AMP1000/BZO/COC150/MOP300/PCP/TCA/THC	\$1.89	\$47.25
01 102 0176	7	PANEL DIP 07 BZO/COC150/MAMP500/MDMA/MOP300/OXY/THC	\$1.89	\$46.25
01 102 0177	7	PANEL DIP 07 AMP1000/COC150/MAMP500/MDMA/MOP300/OXY/THC	\$1.89	\$47.25
01 102 0169	8	PANEL DIP 08 AMP1000/BZO/COC300/MAMP1000/MDMA/MOP300/OXY/THC	\$2.14	\$53.50
01 102 0179	8	PANEL DIP 08 AMP1000/BZO/COC300/MAMP1000/MOP300/OXY/PCP/THC	\$2.14	\$53.50
01 102 1989	8	PANEL DIP 08 AMP300/COC150/MAMP500/MOP300/PCP/PPX/OXY/THC	\$2.14	\$53.50
01 102 1970	9	PANEL DIP 09 AMP1000/BAR/BZO/COC300/MAMP1000/MTD/OPI2000/PCP/THC	\$2.40	\$60.00
01 102 0180	9	PANEL DIP 09 AMP1000/BUP/BZO/COC300/MAMP1000/MOP300/OXY/PCP/THC	\$2.40	\$60.00
01 102 0181	9	PANEL DIP 09 AMP300/BZO/COC150/MAMP500/MDMA/MOP300/OXY/PCP/THC	\$2.40	\$60.00
01 102 0025	10	PANEL DIP 10 AMP1000/BAR/BZO/COC300/MAMP1000/MTD/MOP300/PCP/TCA/THC	\$2.66	\$66.50
01 102 0138	10	PANEL DIP 10 COC300/BAR/BZO/MAMP1000/MDMA/MOP300/MTD/OXY/PCP/THC	\$2.66	\$66.50
01 102 0182	10	PANEL DIP 10 AMP1000/BAR/BUP/BZO/COC300/MAMP1000/MOP300/MTD/OXY/THC	\$2.66	\$66.50
01 102 0183	10	PANEL DIP 10 BAR/BZO/COC150/MAMP500/MDMA/MOP300/MTD/OXY/PCP/THC	\$2.66	\$66.50
01 102 1943	10	PANEL DIP 10 AMP1000/BAR/BZO/COC300/MAMP1000/OPI2000/PCP/MTD/MDMA/THC	\$2.66	\$66.50
01 102 0184	11	PANEL DIP 11 AMP1000/BAR/BUP/BZO/COC300/MAMP1000/MOP300/MTD/PCP/OXY/THC	\$3.19	\$79.75
01 102 0185	11	PANEL DIP 11 AMP1000/BAR/BUP/BZO/COC300/OPI2000/MAMP1000/MTD/OXY/PCP/THC	\$3.19	\$79.75
01 102 0186	11	PANEL DIP 11 AMP1000/BAR/BUP/BZO/COC300/MAMP1000/MOP300/MTD/PPX/OXY/THC	\$3.19	\$79.75
01 102 0187	11	PANEL DIP 11 AMP300/BAR/BZO/COC150/MAMP500/MDMA/MOP300/MTD/OXY/PCP/THC	\$3.19	\$79.75
01 102 0141	12	PANEL DIP 12 AMP1000/BAR/BZO/COC300/MAMP1000/MDMA/MOP300/MTD/OXY/PCP/PPX/THC	\$3.32	\$83.00
01 102 0188	12	PANEL DIP 12 AMP1000/BAR/BUP/BZO/COC300/MAMP1000/MDMA/MOP300/MTD/OXY/PCP/THC	\$3.32	\$83.00
01 102 1957	12	PANEL DIP 12 AMP1000/BAR/BZO/COC300/MAMP1000/MDMA/OPI2000/MTD/OXY/PCP/PPX/THC	\$3.32	\$83.00

T-Card PANEL-DIP SUBSTANCE ABUSE TEST DEVICE

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 501 0012	13	PANEL DIP 13 ETG500/Fentanyl20/Tramadol200/AMP1000/BUP10/BZO300/COC300/MAMP1000/MDMA500/MTD300/OPI300/OXY100/THC50 - (1000) Permissive Use Only	\$4.25	\$106.25



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Section V: Rapid Test Drug & Alcohol Screening Devices

DRUGCHECK SUBSTANCE ABUSE TEST DEVICE - Dips

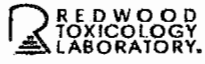
PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
TBD	1	Single Panel DrugCheck Dip - Cotinine 200 (box of 50) - <i>FFUD</i>	\$1.09	\$54.50
TBD	1	Single Panel DrugCheck Dip - EtG (box of 50) - <i>FFUD</i>	\$2.00	\$100.00
TBD	1	Single Panel DrugCheck Dip - Fentanyl 10 (box of 50) - <i>FFUD</i>	\$1.55	\$77.50
TBD	1	Single Panel DrugCheck Dip - K2/Spice (box of 50) - <i>FFUD</i>	\$1.74	\$87.00
TBD	1	Single Panel DrugCheck Dip - Ketamine 1000 (box of 50) - <i>FFUD</i>	\$0.96	\$48.00
TBD	1	Single Panel DrugCheck Dip - Tramadol 200 (box of 50) - <i>FFUD</i>	\$1.09	\$54.50
TBD	1	Single Panel DrugCheck Dip - Choice of Standard Drug (box of 50)	\$0.57	\$28.50
TBD	2	Two-Drug DrugCheck Dip - Choice of Standard Drug	\$1.16	\$29.00
TBD	3	Three-Drug DrugCheck Dip - Choice of Standard Drug	\$1.43	\$35.75
TBD	4	Four-Drug DrugCheck Dip - Choice of Standard Drug	\$1.72	\$43.00
TBD	5	Five-Drug DrugCheck Dip - Choice of Standard Drug	\$2.00	\$50.00
TBD	6	Six-Drug DrugCheck Dip - Choice of Standard Drug	\$2.40	\$60.00
TBD	7	Seven-Drug DrugCheck Dip - Choice of Standard Drug	\$2.73	\$68.25
TBD	8	Eight-Drug DrugCheck Dip - Choice of Standard Drug	\$3.02	\$75.50
TBD	9	Nine-Drug DrugCheck Dip - Choice of Standard Drug	\$3.48	\$87.00
TBD	10	Ten-Drug DrugCheck Dip - Choice of Standard Drug	\$3.88	\$97.00
TBD	11	Eleven-Drug DrugCheck Dip - Choice of Standard Drug	\$4.11	\$102.75
TBD	12	Twelve-Drug DrugCheck Dip - Choice of Standard Drug	\$4.40	\$110.00
TBD	13	Thirteen-Drug DrugCheck Dip - Choice of Standard Drug	\$4.75	\$118.75
TBD	14	Fourteen-Drug DrugCheck Dip - Choice of Standard Drug	\$5.04	\$126.00

Standard drugs (FDA-cleared) include: AMP1000, BAR300, BUP10, BZO300, COC150, COC300, MDMA500, MAMP500, MAMP1000, MTD300, OPI300, OPI2000, OXY100, PCP25, PPX300, TCA1000, THC50

Standard drugs (FFUD) include: AMP300, AMP500, AMP1000, BAR300, BUP5, BUP10, BZO200, BZO300, COC100, COC150, COC300, EDDP100, MDMA500, MAMP300, MAMP500, MAMP1000, MTD300, OPI100, OPI300, OPI2000, OXY100, PCP25, PPX300, TCA1000, THC25, THC50

Specialty add-on fee: Add Alcohol .02 to the device - *FFUD* \$0.46
Specialty add-on fee: Add 3-adulterant panel (choose from Oxidants/Bleach, pH, Specific Gravity, Creatinine, Nitrite) \$0.33
Specialty add-on fee: Add 5-adulterant panel (Oxidants/Bleach, pH, Specific Gravity, Creatinine, Nitrite) \$0.59
Specialty add-on fee: Replace one drug with Fentanyl - *FFUD* \$0.98
Specialty add-on fee: Replace one drug with K2/Spice - *FFUD* \$1.17
Specialty add-on fee: Replace one drug with Tramadol - *FFUD* \$0.52
Specialty add-on fee: Replace one drug with EtG - *FFUD* \$1.43
Specialty add-on fee: Replace one drug with Ketamine - *FFUD* \$0.39
Specialty add-on fee: Replace one drug with Cotinine - *FFUD* \$0.52

Please note that initial orders of DrugCheck products may take 2 to 3 weeks to manufacture. If the Drug Courts give us estimated annual usages at the time of initial order, we will keep these devices stocked so that subsequent orders take the standard 5-7 business days to deliver.



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Section V: Rapid Test Drug & Alcohol Screening Devices

ICUP SUBSTANCE ABUSE TEST DEVICE – without adulteration

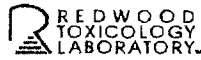
PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 102 2020	10	iCup 10 AMP1000/BAR/BZO/COC300/MAMP1000/MDMA/OPI2000/OXY/PPX/THC	\$ 3.20	\$80.00
01 102 2055	10	iCup 10 AMP1000/BAR/BZO/COC300/MAMP/MTD/OPI2000/PCP/TCA/THC	\$ 3.20	\$80.00
01 102 2028	13	iCup 13 AMP1000/BAR/BUP/BZO/COC300/MAMP/MTD/OPI2000/OXY/PCP/PPX/ TCA/THC	\$ 5.00	\$125.00

ICUP A.D. SUBSTANCE ABUSE TEST DEVICE – with adulteration

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 102 2032	4	iCup A.D. 04 COC300/MAMP1000/OPI2000/THC w/adulteration (OX, SG, PH)	\$ 2.16	\$54.00
01 102 2033	4	iCup A.D. 04 AMP1000/COC150/MAMP500/THC w/adulteration (OX, CR, PH)	\$ 2.16	\$54.00
01 102 2021	5	iCup A.D. 5 AMP1000/COC300/MAMP1000/MOP300/THC w/adulteration (OX, SG, PH)	\$ 3.25	\$56.25
01 102 2034	5	iCup A.D. 5 AMP1000/COC300/MAMP1000/OPI2000/THC w/adulteration (OX, SG, PH)	\$ 2.25	\$56.25
01 102 2035	5	iCup A.D. 5 AMP1000/COC300/OPI2000/PCP/THC w/adulteration (OX, SG, PH)	\$ 2.25	\$56.25
01 102 2036	5	iCup A.D. 5 COC300/MAMP1000/OPI2000/PCP/THC w/adulteration (OX, SG, PH)	\$ 2.25	\$56.25
01 102 2022	6	iCup A.D. 6 AMP1000/BZO/COC300/MAMP1000/OPI2000/THC w/adulteration (OX, SG, PH)	\$ 2.48	\$62.00
01 102 2023	6	iCup A.D. 6 AMP1000/COC/MAMP1000/OPI2000/PCP/THC w/adulteration (OX, SG, PH)	\$ 2.48	\$62.00
01 102 2037	6	iCup A.D. 06 AMP300/COC300/MDMA/OPI2000/OXY/THC w/adulteration (OX, SG, PH)	\$ 2.48	\$62.00
01 102 2038	8	iCup A.D. 08 AMP1000/BAR/BZO/COC300/MAMP1000/OPI2000/PCP/THC w/adulteration (OX, SG, PH)	\$ 2.88	\$72.00
01 102 2069	8	iCup A.D. 08 AMP1000/BZO/COC300/MAMP1000/MOP300/OXY/PCP/THC w/adulteration (OX, CR, PH)	\$ 2.88	\$72.00
01 102 2039	9	iCup A.D. 09 AMP1000/BAR/BZO/COC300/MAMP1000/MTD/OPI2000/PCP/THC w/adulteration (OX, SG, PH)	\$ 3.11	\$77.75
01 102 2074	10	iCup A.D. 10 AMP1000/BAR/BZO/COC300/MAMP1000/MTD/OPI2000/OXY/PPX/THC w/adulteration (OX, CR, PH)	\$ 3.20	\$80.00
01 102 2129	10	iCup A.D. 10 AMP1000/BAR/BZO/COC300/MAMP1000/MTD/OPI2000/PCP/TCA/ THC w/adulteration (OX, SG, PH, NI, GL, CR)	\$ 3.20	\$80.00
01 102 2027	12	iCup A.D. AMP1000/BAR/BZO/COC300/MAMP1000/MTD/OPI2000/OXY/PCP/PPX/ TCA/THC w/adulteration (OX, SG, PH)	\$ 4.05	\$101.25

EZ SPLIT KEY CUP II SUBSTANCE ABUSE TEST DEVICE - Cups

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 102 2001	4	EZ CUP II 04 COC300/MAMP1000/OPI2000/THC	\$ 2.16	\$54.00
01 102 1974	5	EZ CUP II 05 AMP1000/COC300/OPI2000/PCP/THC w/adulteration (OX/SG/PH/NI/GL/CR)	\$ 2.25	\$56.25
01 102 2005	5	EZ CUP II 05 COC300/MAMP1000/OPI2000/PCP/THC	\$ 2.25	\$56.25
01 102 2018	5	EZ CUP II 05 AMP1000/COC300/MAMP1000/OPI2000/THC	\$ 2.25	\$56.25
01 102 2048	5	EZ CUP II 05 AMP1000/COC300/OPI2000/PCP/THC	\$ 2.25	\$56.25
01 102 2051	5	EZ CUP II 05 AMP1000/COC300/MAMP1000/OPI2000/THC w/adulteration (OX, SG, PH, NI, GL, CR)	\$ 2.25	\$56.25
01 102 2141	5	EZ CUP II 05 AMP1000/COC300/MAMP1000/OPI2000/THC w/adulteration (OX, SG, PH)	\$ 2.25	\$56.25
01 102 1984	6	EZ CUP II 06 AMP1000/BZO/COC300/MAMP1000/OPI2000/THC	\$ 2.48	\$62.00
01 102 2007	6	EZ CUP II 06 COC300/MAMP1000/MDMA/OPI2000/OXY/THC	\$ 2.48	\$62.00
01 102 2282	7	EZ CUP II 07 AMP500/BZO200/COC150/MAMP500/MOP300/OXY100/THC50 w/adulteration (OX, CR, PH) - For Forensic Use Only	\$ 2.68	\$67.00
01 102 2008	8	EZ CUP II 08 AMP1000/BAR/BZO/COC300/MAMP1000/OPI2000/PCP/THC	\$ 2.88	\$72.00
01 102 2140	9	EZ CUP II 09 BAR/BZO/COC300/MAMP1000/MTD/OPI2000/OXY/PPX/THC w/adulteration (OX, SG, PH)	\$ 3.11	\$77.75
01 102 1985	10	EZ CUP II 10 AMP1000/BAR/BZO/COC300/MAMP1000/MDMA/MTD/OPI2000/ PCP/THC	\$ 3.20	\$80.00
01 102 2096	12	EZ CUP II 12 AMP1000/BAR/BUP/BZO/COC150/MAMP1000/MDMA/MOP300/ MTD/OXY/PPX/THC	\$ 4.05	\$101.25



3650 Westwind Boulevard
 Santa Rosa, CA 95492
 phone 800.255.2159
 fax 707.577.8102

Pricing Schedule
 Missouri Office of State Courts Administrator
 RFP No. OSCA 18-007 / updated July 31, 2017

Items highlighted in blue are new additions per Amendment 004.

Section V: Rapid Test Drug & Alcohol Screening Devices

T-Cup SUBSTANCE ABUSE TEST DEVICE - Cups

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 501 0015	13	T-Cup 13 ETG500/Fentanyl20/Tramadol200/AMP1000/BUP10/BZO300/COC300/MAMP1000/MDMA500/MTD300/OPI300/OXY100/THC50 - <i>ETG 1000 Panel, 100 Days</i>	\$ 4.75	\$237.50
01 501 0016	14	T-Cup 14 ETG500/Fentanyl20/Tramadol200/AMP1000/BUP10/BZO300/COC300/MAMP1000/MDMA500/MTD300/OPI300/OXY100/THC50/K250 - <i>ETG 1000 Panel, 100 Days</i>	\$ 5.50	\$275.00

DRUGCHECK SUBSTANCE ABUSE TEST DEVICE - Cups

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
TBD	2	Two-Drug DrugCheck Cup - Choice of Standard Drug	\$2.22	\$55.50
TBD	3	Three-Drug DrugCheck Cup - Choice of Standard Drug	\$2.45	\$61.25
TBD	4	Four-Drug DrugCheck Cup - Choice of Standard Drug	\$2.73	\$68.25
TBD	5	Five-Drug DrugCheck Cup - Choice of Standard Drug	\$2.99	\$74.75
TBD	6	Six-Drug DrugCheck Cup - Choice of Standard Drug	\$3.27	\$81.75
TBD	7	Seven-Drug DrugCheck Cup - Choice of Standard Drug	\$3.52	\$88.00
TBD	8	Eight-Drug DrugCheck Cup - Choice of Standard Drug	\$4.11	\$102.75
TBD	9	Nine-Drug DrugCheck Cup - Choice of Standard Drug	\$4.41	\$110.25
TBD	10	Ten-Drug DrugCheck Cup - Choice of Standard Drug	\$4.62	\$115.50
TBD	11	Eleven-Drug DrugCheck Cup - Choice of Standard Drug	\$4.90	\$122.50
TBD	12	Twelve-Drug DrugCheck Cup - Choice of Standard Drug	\$5.18	\$129.50
TBD	13	Thirteen-Drug DrugCheck Cup - Choice of Standard Drug	\$5.51	\$137.75
TBD	14	Fourteen-Drug DrugCheck Cup - Choice of Standard Drug	\$5.77	\$144.25

Standard drugs (FDA-cleared) include: AMP1000, BAR300, BUP10, BZO300, COC150, COC300, MDMA500, MAMP500, MAMP1000, MTD300, OPI300, OPI2000, OXY100, PCP25, PPX300, TCA1000, THC50

Standard drugs (FDA-cleared) include: AMP300, AMP500, AMP1000, BAR300, BUP5, BUP10, BZO200, BZO300, COC100, COC150, COC300, EDDP100, MDMA500, MAMP300, MAMP500, MAMP1000, MTD300, OPI100, OPI300, OPI2000, OXY100, PCP25, PPX300, TCA1000, THC25, THC50

Specialty add-on fee: Add Alcohol .02 to the device - *ETG* \$0.46

Specialty add-on fee: Add 3-adulterant panel (choose from Oxidants/Bleach, pH, Specific Gravity, Creatinine, Nitrite) \$0.33

Specialty add-on fee: Add 5-adulterant panel (Oxidants/Bleach, pH, Specific Gravity, Creatinine, Nitrite) \$0.59

Specialty add-on fee: Replace one drug with Fentanyl - *ETG* \$0.98

Specialty add-on fee: Replace one drug with K2/Spice - *ETG* \$1.17

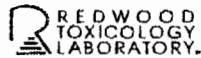
Specialty add-on fee: Replace one drug with Tramadol - *ETG* \$0.52

Specialty add-on fee: Replace one drug with ETG - *ETG* \$1.43

Specialty add-on fee: Replace one drug with Ketamine - *ETG* \$0.39

Specialty add-on fee: Replace one drug with Cotinine - *ETG* \$0.52

Please note that initial orders of DrugCheck products may take 2 to 3 weeks to manufacture. If the Drug Courts give us estimated annual usages at the time of initial order, we will keep these devices stocked so that subsequent orders take the standard 5-7 business days to deliver.



3650 Westwind Boulevard
 Santa Rosa, CA 95492
 phone 800.255.2159
 fax 707.577.8102

Pricing Schedule
 Missouri Office of State Courts Administrator
 RFP No. OSCA 18-007 / updated July 31, 2017

Items highlighted in green match devices currently offered on the existing OSCA contract.

Section V: Rapid Test Drug & Alcohol Screening Devices

ORAL FLUID DRUGS OF ABUSE *(For Forensic Use Only)*

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 102 2024	5	iScreen Oral Fluid Device AMP50/COC20/MAMP50/OPI40/THC12 - <i>FFU</i>	\$4.75	\$118.75
01 102 2025	6	iScreen Oral Fluid Device AMP50/COC20/MAMP50/OPI40/PCP10/THC12 - <i>FFU</i>	\$4.75	\$118.75
01 102 1960	6	OrAlert 6 Oral Fluid Device AMP50/COC20/MAMP50/OPI40/PCP10/THC100 - <i>FFU</i>	\$4.68	\$117.00
01 102 2083	6	OrAlert 6 Oral Fluid Device AMP50/BZO10/COC20/MAMP50/OPI40/THC100 - <i>FFU</i>	\$4.68	\$117.00
01 577 0105	5	Oratect Oral Fluid Device AMP50/COC20/MAMP50/OPI40/PCP10/THC40 - <i>FDA Cleared</i>	\$10.24	\$256.00

SALIVA/BREATH ALCOHOL PRODUCTS

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 362 0001	N/A	Instant Alcohol Saliva Test Strip - <i>FFU</i>	\$0.55	\$13.75
01 532 0020	N/A	ACON Breath Alcohol Device .02 (20/box)	\$1.25	\$25.00
01 094 0055	N/A	Alco-Screen Test (24/box)	\$1.35	\$32.40
01 094 0056	N/A	Alco-Screen .02 DOT Approved Alcohol Saliva (24/box)	\$1.35	\$32.40

REDISMOKE, PREGNANCY & ADULTERATION

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
01 102 0140	1	Urine Cotinine (Nicotine Metabolite) Cassette Device - <i>FFU</i>	\$0.85	\$21.25
01 102 1950	N/A	Urine Pregnancy Cassette (40/Box)	\$1.00	\$40.00
01 102 1910	7	One Step Specimen Validity Test (Seven Parameter) - <i>FFU</i>	\$0.68	\$17.00

COLLECTION SUPPLIES

PART NUMBER	DRUG(S)	CONFIGURATION	PRICE PER DEVICE	BOX PRICE (25/BOX)
031234	N/A	90 ml Urine Collection Bottle with Built-in Temp Strip	\$0.00*	\$0.00*
031380	N/A	6.5 oz/ Graduated Beaker	\$0.00*	\$0.00*
031258	N/A	Temperature Strip	\$0.00*	\$0.00*

*Free only with purchase of panel-dip or cassette devices.

Device Order Shipping & Handling: Device orders will be shipped at no charge for ground service delivery. Expedited shipping of device orders will be charged on an 'at cost' basis. FOB Destination per bid specifications.

CERTIFIED COPY OF ORDER

STATE OF MISSOURI

December Session of the October Adjourned

Term. 20 17

County of Boone } ea.

In the County Commission of said county, on the

12th

day of

December 20 17

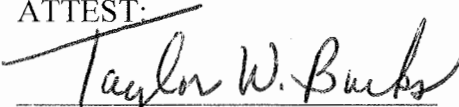
the following, among other proceedings, were had, viz:

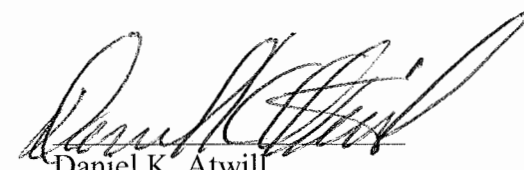
Now on this day the County Commission of the County of Boone does hereby acknowledge the following budget amendment from the 13th Judicial Circuit Court to increase revenue and expenditures for the Fostering Court Improvement JCIP Sub-grant for the period 10/17/2017-12/31/17.

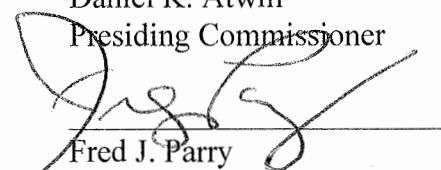
Department	Account	Department Name	Account Name	Decrease \$	Increase \$
1243	3451	Judicial Grants	State Reimbursement		905
1243	23050	Judicial Grants	Other Supplies		50
1243	37230	Judicial Grants	Meals at Training		650
1243	37240	Judicial Grants	Registration Fees for Training		30
1243	83100	Judicial Grants	Awards		175
					1,810

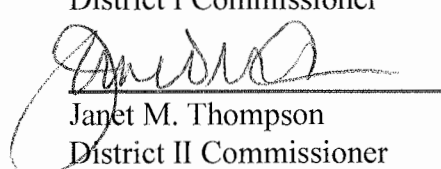
Done this 12th day of December, 2017.

ATTEST:


Taylor W. Burks
Clerk of the County Commission


Daniel K. Atwill
Presiding Commissioner


Fred J. Parry
District I Commissioner


Janet M. Thompson
District II Commissioner

1243 Judicial Grants & Contracts
 Fostering Court Improvement Grant
 Calculations for Budget Amendment
 October 27, 2017- December 31, 2017

	23050- Other Supplies	37230- Meals at Training	37240- Reg.Fees for Training	83100- Awards	03451- State Reimburse- ment
October - December 2017 Exp. Estimate:	\$ 50.00	\$ 650.00	\$ 30.00	\$ 175.00	\$ 905.00
2017 Budget Amendment Expenditure Amounts:	\$ 50.00	\$ 650.00	\$ 30.00	\$ 175.00	\$ 905.00
2017 Budget Amendment Revenue Amounts:	\$ 50.00	\$ 650.00	\$ 30.00	\$ 175.00	\$ 905.00

Grant Award:	
Oct.-Dec 2017	\$905.00
Jan-Sept. 2018	\$1,095.00
Total Grant Award:	\$2,000.00

1243 Judicial Grants & Contracts
 Fostering Court Improvement Grant
 Calculations for Budget Amendment
 January 1, 2018- September 30, 2018

	23050- Other Supplies	37230-Meals at Training	37240- Reg.Fees for Training	83100- Awards	03451- State Reimburse- ment
January - September 2018 Exp Estimate:	<u>\$ 350.00</u>	<u>\$ 745.00</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,095.00</u>
2018 Budget Amendment Expenditure Amounts:	\$ 350.00	\$ 745.00	\$ -		<u>\$ 1,095.00</u>
2018 Budget Amendment Revenue Amounts:	\$ 350.00	\$ 745.00	\$ -		<u>\$ 1,095.00</u>

Grant Award:	
Oct.-Dec 2017	\$905.00
Jan-Sept. 2018	<u>\$1,095.00</u>
Total Grant Award:	<u><u>\$2,000.00</u></u>



State of Missouri
Office of State Courts Administrator
Administrative Services Division

Issue Date	Oct. 27, 2017	Award Amount
Contract Period		
Oct. 27, 2017, through Sept. 30, 2018		\$2,000.00

Fostering Court Improvement JCIP Sub-grant

The Fostering Court Improvement sites are measured on pre-determined outcomes to include permanency, timeliness and child safety measures. Funding is provided to assist in the implementation of strategies to improve services and outcomes for children.

Contract Number	<input checked="" type="checkbox"/> Original Contract
OSCA 16-015-35	<input type="checkbox"/> Contract Amendment

Federal CFDA # 93.586

Court/Recipient Information:	Project Director:	OSCA Program Contact
The Honorable Kevin Crane Presiding Judge Thirteenth Judicial Circuit 705 East Walnut Columbia, Missouri 65201	Ruth McCluskey Juvenile Officer 607 E. Ash St. Columbia, MO 65201	Kim Abbott 573-522-6768
		OSCA Fiscal Contact
		Shelly Peters 573-522-2751

<input type="checkbox"/> Special Conditions of this award are attached.	<input checked="" type="checkbox"/> There are no special conditions of this award. Original RFP requirements only.
---	--

Funding will be provided for covering meals for quarterly FCI/contract attorney meetings and for TPR training, for awards for exemplary team members, and for supplies for subcommittee projects.

Requested Funding: \$2,000.00 Awarded Funding: \$2,000.00

Please Sign, Date and Return by Mail to:

Office of State Courts Administrator
Attn: Contracts Unit
P.O. Box 104480
Jefferson City, MO 65110 - 4480

In witness thereof, the parties below hereby execute this agreement.

Appointing Authority Signature 		OSCA Signature 	
Printed Name Mary Epping	Date 11/1/17	Printed Name Earl Kraus	
Presiding Judge Signature 		Title Deputy State Courts Administrator	
Printed Name Kevin Crane	Date 10/1/17	Date 10/30/17	

Fostering Court Improvement JCIP Sub-grant: Local Court Enhancements (FY18)

The Fostering Court Improvement sites are measured on pre-determined outcomes including permanency, timeliness, and child safety measures. In addition, the Children's Division Quality Assurance Specialists provide child welfare data to the local project sites. Strategies are then developed to address areas of deficiency which are identified in the outcome measurements. Funding is available **up to \$2000** for each of the project sites to assist them in their ability to implement strategies to improve services and outcomes for children and families. Each site will be required to submit a funding request on this form, along with budgets and justification, for their request in terms of the child welfare goals they hope to achieve and how the funding will support such. Reimbursement would be made in accordance with approved budgets, within OSCA Financial Guidelines, after costs have been incurred.

Budget Request

1. Please break down your funding request:

Budget Line Item	Approximate Cost	Budget Line Item	Approximate Cost
a. Lunches for FCI/contract attorney meetings	\$1200.00	e.	
b. Trainings	\$400	f.	
c. Supplies for subcommittees	\$400	g.	
d.		h.	

2. Total Budget Request \$2000.00

3. Specific County to be reimbursed: Boone County

Justification (attach additional sheets, if necessary)

1. How will this funding enhance your courts ability to meet outcomes for children and families?

As in the past, we plan on utilizing the funding to provide lunches at our quarterly FCI/contract attorney meetings. Having lunch provides an incentive for better participation in the meetings. During those meetings, we are able to work toward goals, and emphasize the importance of FCI to the attorneys. We often are able to get attorneys to participate in sub-groups for goals due to those meetings. We would like to offer a TPR training for our circuit. Children's Division is going to provide the training with attorneys from their legal aspects team. We would like to utilize some of the grant funding to be able to offer lunch. We have a subcommittee for recognizing exemplary team members. We would like to use grant funds to purchase awards for those who are recognized. We also have recently developed subcommittees for Cross-over Youth and for Systems of Care. We would like to utilize grant funds to provide supplies for projects which will arise from those subcommittees.

2. Provide a timeline and description of how the funding will be used.

(Funding must be spent prior to September 30, 2018 and OSCA must be billed prior to October 12, 2018.)

Joint FCI/contract attorney meetings will be held in January 2018, April 2018, July 2018, and October 2018. The TPR training will be held at the end of 2017, or beginning of 2018. The subcommittees will be convening soon, and will develop goals and strategies for those committees. Those funds will be used throughout the year.

For OSCA Internal Use Only

Yes No

1. Does this request fall within the scope of the Fostering Court Improvement Program?

2. Does this request meet the requirements of the DHHS-ACF requirements for uses of these grant funds?

3. Is it clear that funding will be expended by September 30, 2018 and billed to OSCA before October 12, 2018?

4. Are there any special terms or conditions attached to this award?

Authorization (please both sign and print your name)

Circuit <p style="text-align: center; font-size: 2em;">13</p>	Signature - Presiding Judge 	Date <p style="text-align: center; font-size: 1.5em;">10/17/17</p>
OSCA <p style="font-size: 1.5em;">OSCA 16-015-35</p>	Deputy State Courts Administrator 	Date <p style="text-align: center; font-size: 1.5em;">10/30/17</p>

Return to:

Office of State Courts Administrator, Contracts Section
osca.contracts@courts.mo.gov

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ca.

October Session of the October Adjourned

Term. 20 17

In the County Commission of said county, on the 17th day of October 20 17

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the attached grant application for the FY2018 Fostering Court Improvement JCIP sub-grant – Local Court Enhancements.

Done this 17th day of October, 2017.

ATTEST:

Taylor W. Burks
Taylor W. Burks
Clerk of the County Commission

Absent
Daniel K. Atwill
Presiding Commissioner
Fred J. Parry
Fred J. Parry
District I Commissioner
Janet M. Thompson
Janet M. Thompson
Acting Presiding Commissioner