

Roane County is requesting proposals for the good(s) and/or service(s) listed below, subject to the terms and conditions of the Request for Proposal (RFP), the accompanying specifications, and the Roane County Purchasing Manual.

If this is a request for services, disregard any reference to product information.

At the appointed time proposals will be publicly opened in the office of the Roane County Purchasing Agent at the address below. Proposals arriving in the Purchasing Department past the appointed date and time will be considered late and will not be opened.

Deliver Proposals To:

ROANE COUNTY PURCHASING DEPARTMENT
200 EAST RACE STREET, SUITE #3
KINGSTON, TENNESSEE 37763

**Proposal Number: 1011-AF
OIL & LUBRICANTS**

Open Date & Time: August 21, 2018 at 2:00 p.m. (Eastern Time Zone)

The Proposal Envelope must show the Proposal Number, Name & Opening Date.

PURCHASING CONTACT INFORMATION

**Lynn Farnham, CPPO, CPPO
Purchasing Agent
Phone: 865-376-4317
Fax: 865-376-4318
Email: lynn.farnham@roanecountytn.gov**

GENERAL TERMS & CONDITIONS

1. Attached are instructions and conditions for submitting a proposal for Roane County Government. The objective of this proposal is to select suppliers in such a manner as to provide for open and free competition and comparability.

PROPOSAL PREPARATION & SUBMISSION

1. All proposals shall be in accordance with the instructions to proposers and specifications included in this RFP. Specifications are intended to be open and non-restrictive.
2. The use of the name of a manufacturer, brand, model or make used in describing an item does not restrict the proposer to that manufacturer. Others will be considered if they meet or exceed the items specified. When an alternate manufacturer, brand, model or make will be proposal, five (5) days prior to the proposal the proposer must submit documents to the Purchasing Agent, for evaluation of the product. Roane County will determine if the item does meet or exceed the item as specified.
3. It shall be the sole responsibility of the proposer to make certain that all proposals in proper form are submitted to the Purchasing Department as described below.
4. All original forms must be signed by a person with authority to bind the proposal. The proposal must be sealed in an envelope that is labeled according to the directions stated below.
5. On the outside of the envelope/package mark the proposal as follows:
 - Vendor Name & Address

- Proposal Number
- Proposal Date & Time

6. The proposal must then be in a sealed envelope/package mailed or delivered to the following address:

Roane County Purchasing Department
200 East Race Street, Suite #3
Kingston, Tennessee 37763

Please note that Roane County does not receive a guaranteed delivery time for express mail and/or packages; please mail accordingly.

7. Sealed written proposals will be received at the time and place specified on the RFP. Postmark on the proposal by this date will not suffice. Proposal must be received on or before the date and time stated. Faxed proposal documents will not be accepted.

LATE RECEIPT OF THE PROPOSAL

1. The proposal and modifications or withdrawals thereof received after the time set for opening will not be considered, unless they are received before the award is made and it is determined by Roane County that failure to arrive on time was due solely to a delay in delivery for which the proposer has no responsibility.
2. Proposals must be in the Purchasing Department prior to 2:00 p.m. on the appointed date. Time will be determined by the clock in the Roane County Purchasing Department and once Purchasing Agent/or their designee determines the time is 2:00 p.m., no other proposals will be accepted.

RESTRICTIVE OR AMBIGUOUS SPECIFICATIONS

1. It is the responsibility of the proposer to review the entire RFP document and to notify the Purchasing Agent if the RFP is formulated in a manner that would unnecessarily restrict competition or if it is ambiguous in what is being requested.
2. Pursuant to TCA §12-4-126, questions regarding the specifications or proposal procedures must be received by the Purchasing Agent and/or designer no less than ninety-six (96) hours before the bid opening date. No addenda will be issued within less than forty-eight (48) hours of the bid opening day, excluding weekends and legal holidays designated in §15-1-101 unless the proposal opening is extended for a reasonable time as determined by the Purchasing Agent, which shall not be less than forty-eight (48) hours excluding weekends and legal holidays designated in §15-1-101, to allow for any necessary changes to the RFP documents and to allow responders to resubmit their responses accordingly.
3. Any questions concerning this RFP are to be in writing either by fax or email to the Purchasing Department. Questions will be answered via addenda. Information obtained from any office other than the Purchasing Office is not to be considered binding.

PROPOSAL OPENING & ACCEPTANCE OF PROPOSAL

1. Proposal pricing will be read aloud at the discretion of the Purchasing Agent. Proposals will also be examined for compliance with specification and conditions outlined in the proposal document.
2. Consideration will be given to all proposals properly submitted. Proposals will receive appropriate confidentiality before awarding. Upon award, proposal documents and tabulations will be available for review. Errors discovered after public opening cannot be corrected, and the proposer will be bound to honor proposal as submitted.
3. The contract will be awarded in writing to the most responsive proposer whose proposal conforms best to the RFP will be most advantageous to Roane County. The evaluation of criteria, cost, and other factors will be taken into consideration. It is the intent of Roane County to involve and utilize the best product/services at the best prices and provide small and minority firms, women's business enterprises and labor surplus area firms with increased opportunity to do business with the county. However, currently there are no set asides for small or minority firms.
4. Roane County reserves the right to accept or reject any or all proposals and to waive informalities and minor irregularities in the proposals received. All proposers will be notified in writing of the proposal award generally within ten (10) days of proposal opening unless unforeseen circumstances arise or special conditions exist.

EVALUATION REVIEW

1. Roane County reserves the right to use all pertinent information that might affect the County's judgment as to the appropriateness of an award to the best-evaluated proposer. This information may be appended to the proposal evaluation process results. Information on a service provider from reliable sources, and not within the service provider's proposal, may also be noted and made part of the evaluation file. Roane County shall have sole responsibility for determining a reliable source. Roane County reserves the right to conduct written and/or oral discussions/interviews after the proposal opening. The purpose of such discussions/interviews is to provide clarification and/or additional information to make an award that is in the best interest of Roane County.
2. Evaluation criteria will be determined on each RFP.

PROTEST PROCEDURE

1. If a prospective vendor does not agree with the proposal award, they have the right to protest. Disputes arising from the award of this proposal must be submitted in writing to the Roane County Purchasing Department no later than seven (7) days from date of proposal award. The steps for dispute resolution may include:
 - A meeting with the Purchasing Agent, the requisitioning department's manager and representatives from the disputing party to discuss and resolve the complaint.
 - Information from the aforementioned meeting will be forwarded to the County Attorney for review.
 - A written decision letter stating the reasons for the decision will be prepared by the Purchasing Agent and submitted in writing to the protestor and all parties involved.
 - Purchases will not be allowed under this procurement until a final decision is rendered.
 - In the event that purchases must be made before a final decision is rendered, the emergency purchase procedures will be used.

FUTURE PURCHASES – BID RENEWAL

1. Unless otherwise noted, Roane County reserves the right to purchase goods or services for one year from the date of the award of the contract at the same price and terms and conditions. Further, Roane County reserves the right to renew all aspects of the bid one (1) year at a time for and additional one (1) year based on the same price and terms and conditions unless otherwise noted. There is no guarantee that that this contract will be considered for renewal.

APPROPRIATION

1. In the event no funds are appropriated by Roane County for the goods or services in any fiscal year or insufficient funds exist to purchase the goods or services, then the contract shall expire upon the expenditure of previously appropriated funds or the end of the current fiscal year, whichever occurs first, with no further obligations owed to or by either party.

INSURANCE

1. The contractor will maintain, at their expense adequate insurance coverage to protect them from claims arising under the Worker's Compensation Act, from claims for damages resulting from bodily injuries and damage to their property, for Bodily Injury and Property Damage Liability in the amount of no less than \$1,000,000, for Products and Completed Operations Liability of no less than \$1,000,000 and from claims for damage to any Roane County property. Additional insurance requirements may be listed any Special Terms & Conditions or in the Bid Specifications. This insurance company shall have a Best's rating of A or better. Any deviations from the above requirements must be disclosed in the bid submission.
2. The successful bidder shall furnish a Certificate of Insurance issued by their insurance company showing that Roane County as an additional insured. Carrier will assume full common liability of all shipments.

COMPLIANCE WITH ALL LAWS

1. Contractor is assumed to be familiar with and agrees to observe and comply with all federal, state, and local laws, statutes, ordinances, and regulations in any manner affecting the provision of goods and/or services, and all instructions and prohibitive orders issued regarding this work and shall obtain all necessary permits.

GOVERNING LAW

1. This contract shall be governed by the laws of the State of Tennessee, and all obligations of the parties are performable in Roane County, Tennessee. The Courts in Roane County shall have exclusive and concurrent jurisdiction of any disputes which arise hereunder.

BUSINESS LICENSES

1. Proposing firms located in Tennessee are required to have a current business license issued by the State of Tennessee at the time the bids are submitted. Vendors located outside Tennessee are required to obtain a business license issued by the State of Tennessee in Roane County if the project is over \$50,000.

INDEMNIFICATION/HOLD HARMLESS

1. Contractor shall indemnify, defend, save and hold harmless all departments of Roane County Government and/or the Roane County Board of Education, its officers, agents and employees from all suits, claims, actions or damages of any nature brought because of, arising out of, or due to breach of the agreement by Contractor, its subcontractors, supplier, agents or employees or due to any negligent act or occurrence or any omission or commission of the contractor, its subcontractors, suppliers, agents or employees until the contract terminates.

VENDOR PERFORMANCE

1. If the contractor fails in full or part to perform or comply with any provision of this Contract or the terms or conditions of any documents referenced and made a part hereof, Roane County may terminate this contract, in whole or in part, and may consider such failure or noncompliance a Breach of Contract. Contractors with poor performance will be notified at the time of such performance and be given opportunity to correct the problems. Documentation will be kept on file. Any contractor with continued poor performance will be removed from the potential vendor list for one year.
2. Roane County expressly retains all its rights and remedies provided by law in case of such breach, and no action by Roane County shall constitute a waiver of any such rights or remedies. In the event of termination for default, Roane County reserves the right to purchase its requirements elsewhere, with or without competitive proposal.

BREACH OF CONTRACT

1. A party shall be deemed to have breached the contract if any of the following occurs:
 - Failure to provide products or services that conform to contract requirements.
 - Failure to maintain/submit any report required hereunder.
 - Failure to perform in full or in part any of the other conditions of the contract.
 - Violation of any warranty.

CONTRACT TERMINATION FOR CAUSE

1. If the contractor fails to properly perform its obligations under this contract in a timely or proper manner, or if the contractor violates any terms of this contract, the county shall have the right to terminate the contract and withhold payments in excess of fair compensation for completed services.
2. In the event the contract is terminated for due cause by the county, the county shall have the option of awarding the contract to the next lowest proposer or proposing again.

CONTRACT TERMINATION FOR CONVENIENCE

1. The county may, by written notice to the contractor, terminate this contract without cause for any reason. Said termination shall not be deemed a Breach of Contract by the county. The county must give notice of termination to the vendor at least thirty (30) days prior to the effective date of termination. The contractor shall be entitled to receive compensation for satisfactory, authorized service completed as of the termination date, but in no event shall the county be liable to the contractor for compensation for any service which has not been rendered. Upon such termination, the vendor shall have no right to any actual general, special, incidental, consequential, or any other damages whatsoever of any description or amount.

BOOKS AND RECORDS

1. The contractor shall maintain all books, documents, accounting records and other evidence pertaining to the services provided under this contract and make such materials available at its offices at all reasonable times during the contract period and for three (3) years from the date of the final payment under this agreement for inspection by county or by any other governmental entity or agency participating in the funding of this agreement, or any authorized agents thereof; copies of said records to be furnished if requested. Such records shall include those books, documents and accounting records that represent delivering the services governed by this agreement.

INVOICES AND PAYMENTS

1. Payment will be made within 30 days after receipt of invoice and/or delivery of items included in this Request for Proposal, whichever is later.
2. Roane County Government is not subject to taxation. A tax exemption certificate will be provided upon request.

NONDISCRIMINATION AND NON-CONFLICT STATEMENT

1. Contractor agrees that no person on the grounds of handicap, age, race, color, religion, sex or national origin, shall be excluded from participation in, or be denied benefits of, or be otherwise subjected to discrimination in the performance of this agreement, or in the employment practices of vendor. Contractor shall upon request show proof of such nondiscrimination and shall post in conspicuous places available to all employees and applicants notices of non-discrimination. Contractor covenants that it complies with the Fair Wage and Hour Laws, the National Labor Relations Act, and other federal and state employment laws as applicable. Contractor covenants that it does not engage in any illegal employment practices.
2. Contractor covenants that it has no public or private interest and shall not acquire directly or indirectly any interest; that would conflict in any manner with the provision of its goods or performance of its services. The contractor warrants that no part of the total contract amount provided herein shall be paid directly or indirectly to any officer or employee of Roane County as wages, compensation, or gifts in exchange for acting as officer, agent, employee, subcontractor or consultant to contractor in connection with any goods provided or work contemplated or performed relative to the agreement.
3. No employee or member of the Roane County's governing bodies shall participate in the selection or award of a contract if a conflict of interest, real or apparent, would be involved.
4. Officers, employees or officials of the Roane County Government shall neither solicit nor accept gratuities, favors or anything of more than nominal monetary value from vendors or parties to subcontracts.

IRAN DIVESTMENT ACT

1. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to Tennessee Code Annotated § 12-12-106.

**1011-AF – OIL & LUBRICANTS
VENDOR INFORMATION SHEET**
(Please fill out completely)

By completing and signing this form you certify that you are an authorized representative of the company for which you are submitting a bid/proposal and that you have the authority to legally bind your company. Further, by completing and signing this form you certify that you agree to all the terms and conditions of this bid/proposal.

1. Vendor Name _____

2. Address _____

City _____ State _____ Zip Code _____

3. Contact Person (Please Print) _____

4. Telephone Number _____ Fax Number _____

5. Vendor's e-mail address _____

6. Authorizing Signature _____

7. Title of Person Signing Bid _____

8. If addenda were issued, please acknowledge the receipt of: (please write "yes" if you received one)
Addendum 1 _____ Addendum 2 _____ Addendum 3 _____ Addendum 4 _____

9. If applicable, please indicate below if discounts will be allowed for prompt payment or if there is not discount offered:
_____ % Net 10 Days; _____ % Net 20 Days; _____ % Net 30 Days; _____ No Discount

COOPERATIVE PURCHASING - Vendors are to indicate if it is permissible for other governmental agencies in the State of Tennessee to purchase these items or services at the same price. Freight charges may be adjusted to reflect differences in delivery costs to other locations. Please indicate the approval of Cooperative Purchasing.

_____ Yes _____ No

SCHOOL CONTRACTS ONLY

CRIMINAL HISTORY RECORDS CHECK – Do you agree to comply with Public Chapter 587 of 2007 which requires all contractors to facilitate a criminal history check, including fingerprinting, conducted by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation for each employee or subcontractor personnel before permitting the employee or subcontractor personnel to have contact with students or enter school grounds?

_____ Yes _____ No

**1011-AF – OIL & LUBRICANTS
NON –COLLUSION, INDEPENDENT PRICE DETERMINATION,
NON-DISCRIMINATION, NON-DEBARMENT & LOBBYING AFFIDAVIT**

I do hereby certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud.

I understand that collusive pricing is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards and that no collusion with another firm was used in preparation of this bid.

I also certify that this firm does not discriminate against any employee or applicant for employment on the grounds of race, color, national origin or sex; and does not and will not maintain or provide for his employees any segregated facilities at any of its establishments, and further, that the firm does not and will not permit their employees to perform their services at any location under this contract where segregated facilities are maintained.

By submission of this bid, the bidder certifies that neither it or its principals is presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any Federal or State department or agency.

I further certify that during the Invitation to Bid solicitation and/or during the performance of this contract that neither it nor its principals will participate in lobbying activities in conjunction with this project.

I agree to abide by all terms and conditions of this Invitation to Bid and certify that I am authorized to sign this affidavit for the vendor.

Please indicate which of the following apply to your company. This information is requested for information purposes only. Roane County currently has no policy that allows for set asides or preferences for woman owned or minority owned businesses.

African American Owned
 Caucasian Owned
 Native American Owned
 Other Owned

Asian Owned
 Hispanic Owned
 Woman Owned

Signature

Title

**1011-AF – OIL & LUBRICANTS
IRAN DIVESTMENT ACT COMPLIANCE**

The Iran Divestment Act of 2016, effective on July 1, 2016, is codified in Tennessee Code Annotated §12-12-101 *et seq.* The Iran Divestment Act, with certain exceptions, prohibits local governments from entering into contracts with persons or entities engaged in investment activities in the energy sector of Iran. Pursuant to the terms set forth in Tennessee Code Annotated §12-12-105, a person engages in investment activities in the energy sector of Iran if:

- 1) The person provides goods or services of twenty million dollars (\$20,000,000) or more in the energy sector of Iran, including a person that provides oil or liquified natural gas tankers, or products used to construct or maintain pipelines used to transport oil or liquefied natural gas, for the energy sector of Iran; or
- 2) The person is a financial institution that extends twenty million dollars (\$20,000,000) or more in credit to another person, for forty-five (45) days or more, if that person will use the credit to provide goods or services in the energy sector in Iran and is identified on a list, created pursuant to §12-12-106, as a person engaging in investment activities in Iran as described in this section.

This Act requires the State of Tennessee’s chief procurement officer to publish on the State’s website a list of persons it determines engaged in investments activities in Iran (the “Prohibited Entities List”).

Any BIDDER that is on the Prohibited Entities List will be ineligible to contract with the COUNTY.

Pursuant to the Act, any BIDDER that attempts to contract with the COUNTY must certify, at the time the bid is submitted, that the BIDDER is not identified on the Prohibited Entities List. A bid shall not be considered for award, nor shall any award be made where the BIDDER fails to submit a signed and verified compliance certification form.

**CERTIFICATION OF COMPLIANCE
IRAN DIVESTMENT ACT**

The undersigned states that he/she has legal authority to swear this on behalf of _____

(Vendor); and that the Vendor is not in any manner in violation of *Tennessee Code Annotated §12-12-101 to §12-12-106.*

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury that to the best of its knowledge and belief that each bidder is not on the list created pursuant to the Iran Divestment Act, Tennessee Code Annotated §12-12-106.

By: _____

Title: _____

Sworn to and subscribed before me, a Notary Public, this _____ day of _____ 20____.

Notary _____ My Commission Expires _____

**1011-AF – OIL & LUBRICANTS
STATEMENT OF QUALIFICATION**

The following statements as to experience and general qualifications of the proposing firm as submitted in conjunction with the Request for Proposal as part thereof and truthfulness and accuracy of information is guaranteed by the proposing firm and included in the evaluation of the proposals.

Name & Address of Proposing Firm:

Telephone _____

Fax Number _____

Number of years proposer has been in this business. _____

Proposing firm must have satisfactorily completed or currently maintained three (3) contracts of similar size in the last five (5) years.

Company _____

Contact Name _____

Telephone _____

Company _____

Contact Name _____

Telephone _____

Company _____

Contact Name _____

Telephone _____

1011-AF – OIL & LUBRICANTS SPECIFICATIONS

Roane County is inviting bids for Oil & Lubricants as per the enclosed product specification.

Roane County may elect to purchase all Oil & Lubricants from one vendor or may award the bid to multiple vendors. The award will be made to a vendor(s) based on what is most advantageous to Roane County. For example, a company may be the lowest price on one item but may not be awarded the bid because of the additional administrative costs associated with buying only one item from a vendor.

COMPLIANCE

1. If Contractor fails to perform or comply with any provision of this Contract or the terms or conditions of any documents referenced and made a part hereof, Roane County may terminate this Contract, in whole or in part, and may consider such failure or noncompliance a breach of Contract. Roane County expressly retains all its rights and remedies provided by law in case of such breach, and no action by Roane County shall constitute a waiver of any such rights or remedies. In the event of termination for default, Roane County reserves the right to purchase its requirements elsewhere, with or without competitive bidding.
2. Roane County does not guarantee any quantities of goods or services to be purchased from of this term Contract. Roane County does not have an exact dollar amount that was procured for these types of goods/services.

TERM OF THE CONTRACT

The term of the contract is for fiscal year beginning July 1, 2018 through June 30, 2019.

BID RENEWAL

Roane County reserves the right to renew all aspects of the bid one year at a time for an additional two (2) years based on a firm fixed price and in accordance with the same Terms & Conditions of the original Invitation to Bid. Roane County Purchasing will notify the vendor of their intention to renew this contract prior to June 1 of the proposed renewal year. This renewal is not automatic and will be based on an annual review of the contract.

**1011-AF – OIL & LUBRICANTS
PRODUCT SPECIFICATION**

1. ENGINE OIL, SAE GRADE 15W40: This oil shall contain low sulfated ash (less than one percent by weight) for crankcase lubrication of four-cycle, diesel or gasoline powered tractors, trucks, automobiles, and construction equipment. The oil shall comply with the requirements of the American Petroleum Institute (API) Service Categories CG-4 and SH, and Society of Automotive Engineers (SAE) multi-viscosity grade 15W40. Total Base Number (TBN) shall be at least seven.
2. ENGINE OIL, SAE GRADE 10W30: This oil shall contain low sulfated ash (less than one percent by weight) for use with gasoline and four or six cylinder diesel powered vehicles and equipment. This oil shall comply with the requirements of API service category SH, SAE multi-viscosity grade 10W30, and ILSAC GF-1. TBN shall be at least five.
3. ENGINE OIL, SAE GRADE 40: This oil shall contain low sulfated ash (one percent or less by weight) for use in two-cycle diesel powered trucks and equipment. This oil shall comply with the requirements of API service category CF-II and SAE single viscosity grade 40. TBN shall be at least seven.
4. ENGINE OIL, SAE GRADE 30: This oil shall contain low sulfated ash (less than one percent by weight) for use with passenger cars, vans, and light-duty trucks powered by gasoline engines. This oil shall comply with the requirements of API service category SH, energy conserving, and SAE single viscosity grade 30. TBN shall be at least five.
5. ENGINE OIL, SAE GRADE 5W30: This oil shall contain low sulfated ash (less than one percent by weight) for use with passenger cars, vans, and light-duty trucks powered by gasoline engines. This oil shall comply with the requirements of API service category SH, energy conserving, and SAE multi-viscosity grade 5W30. TBN shall be at least five.
6. ENGINE OIL, SAE GRADE 10W40: This oil shall contain low sulfated ash (less than one percent by weight) for use with passenger cars, vans, and light-duty trucks powered by gasoline engines. This oil shall comply with the requirements of API service category SH, energy conserving, and SAE multi-viscosity grade 10W40. TBN shall be at least five.
7. AUTOMATIC TRANSMISSION FLUID: This automatic transmission fluid shall comply with all requirements for Dexron III, Mercon III and Allison C-4, as approved by General Motors Corporation and Ford Motor Company.
8. UNIVERSAL HYDRAULIC/TRANSMISSION FLUID: This automatic transmission fluid shall be specifically formulated for use in hydraulic systems and shall meet the service requirements for tractors produced by various manufacturers where the use of a combination hydraulic/transmission fluid is specified. The base oil and additives shall be selected to result in a product that shall comply with the following manufacturers' specifications:
 - Allison C-4
 - Caterpillar TO-2
 - J.I. Case MS1207
 - Clark Denison HF-0, HF-1, HF-2
 - Ford New Holland ESN - M2C134-D
 - John Deere JDM-J20C
 - Massey Ferguson M-1141
 - White Farm Q-1766R

The bidder shall furnish with bid, one cross reference catalog. Catalog shall be as comprehensive as possible and include cross references to equivalent hydraulic/transmission fluids. Catalog shall include, but not be limited to manufacturers such as Castrol, Cato, Chevron, Citgo, Conoco, Exxon, Fina, Mobil, Pennzoil, Quaker State, Shell, Texaco, Valvoline, Caterpillar, J.I. Case, Clark Denison, Ford New Holland, John Deere, Massey Ferguson and White Farm. Cross referenced equivalent hydraulic/transmission fluids shall be referred to by manufacturer, manufacturer's brand name and applicable nomenclature. Failure to submit cross reference catalog may result in disqualification of the bid.

9. ALL-PURPOSE GEAR LUBRICANT, GL5, SAE GRADE 80W90: This lubricant shall comply with the requirements of Military Specification MIL-L-2105D, Lubricating Oil, Gear, and Multipurpose. At a minimum the lubricant shall comply

to the following requirements:

- The lubricant shall be phosphorus-sulfur type.
 - Lubricants containing chlorine, lead or zinc will not be accepted.
 - Pour point shall be -30 degrees Celsius or less.
 - Viscosity index shall not be less than 95.
10. GEAR LUBRICANT, GL5, SAE GRADE 85W140: This gear lubricant shall be a multipurpose type lubricant and meet the requirements of Military Specification MIL-L-2105D, Lubricating Oil, Gear, and Multipurpose. At a minimum, the lubricant shall comply to the following requirements:
- The lubricant shall be phosphorus-sulfur type.
 - Lubricants containing chlorine, lead or zinc will not be accepted.
 - Pour point shall be -15 degrees Celsius or less.
 - Viscosity index shall not be less than 95.
11. GREASE #1-EP This grease shall be a lithium base National Lubricating Grease Institute (NLGI) GC-LB #1 grade grease which shall satisfactorily lubricate chassis components, universal joints, and wheel bearings over prolonged re-lubrication intervals and over a wide temperature range. The grease shall resist oxidation, evaporation, and consistency deterioration while giving protection from corrosion and wear. As a minimum, the grease shall comply to the following requirements:
- Grease shall comply with ASTM D 1264 and shall yield water washout test results of 5 percent or less.
 - Penetration worked (60 strokes) shall be between 310-340 mm.
 - Timken OK load test shall yield a minimum 35 pounds (16 Kg).
 - Dropping point shall be a minimum 340 degrees Fahrenheit (171 degrees Celsius).
12. GREASE #2-EP: This grease shall be a lithium base NLGI GC-LB #2 grade grease which shall satisfactorily lubricate chassis components, universal joints, and wheel bearings over prolonged re-lubrication intervals and over a wide temperature range. The grease shall resist oxidation, evaporation, and consistency deterioration while giving protection from corrosion and wear. As a minimum, the grease shall comply to the following requirements:
- Grease shall comply with ASTM D 1264 and shall yield water washout test results of 5 percent or less.
 - Penetration worked (60 strokes) shall be between 265-295 mm.
 - Timken OK load test shall yield a minimum 45 pounds (20 Kg).
 - Dropping point shall be a minimum 347 degrees Fahrenheit (175 degrees Celsius).
13. ENGINE OIL, SINGLE-VISCOSITY: This oil shall comply with the physical and chemical requirement(s), the API Service Category(ies) and SAE Viscosity Grade as specified on the IFB.
14. ENGINE OIL, MULTI-VISCOSITY: This oil shall comply with the physical and chemical requirements, the API Service Category(ies), and SAE Viscosity Grade specified on the IFB.
15. GREASE: This grease shall comply with the physical and chemical requirements, and the NLGI classifications specified on the IFB.
16. ENGINE OIL, SAE 5W-30: (Pennzoil) Contains cleansing agents to help clean out sludge. Meets or exceeds industry specifications API SN and all previous categories and ILSAC GF-5.
17. ENGINE OIL, SAE 5W-30: (Castrol GTX) Contains sludge protection. Meets or exceeds SN/SM/SL/SJ, API Certified Engine Oils ILSAC GF-5/GF-4/GF-3.
18. DIESEL EXHAUST FLUID: PTDEF-055, API licensed DEF meets all applicable standards and specifications for use in all SCR emission control systems. Meets or exceeds ISO 22241 specifications.

**1011-AF – OIL & LUBRICANTS
PRICING SHEET**

	PRODUCT	BRAND	PRICE PER QUART	PRICE PER GALLON	BULK PRICE	BULK UNIT SIZE
1	Engine Oil SAE Grade 15W40					
2	Engine Oil SAE Grade 10W30					
3	Engine Oil SAE Grade 40					
4	Engine Oil SAE Grade 30					
5	Engine Oil SAE Grade 5W30					
6	Engine Oil SAE 10W40					
7	Automatic Transmission Fluid					
8	Universal Hydraulic Transmission Fluid					
9	All-Purpose Gear Lubricant, GL5, SAE Grade 80W90					
10	Gear Lubricant, GL5, SAE Grade 85W140					
11	Grease #1 – EP					
12	Grease #2 – EP					
13	Engine SAE 5W-30 (Pennzoil)					
14	Engine SAE 5W-30 (Castrol GTX)					
15	Diesel Exhaust Fluid – See Enclosed Spec Sheet					
16	Synthetic Automatic Transmission Fluid – See Enclosed Spec Sheet					
17	Antifreeze – See Enclosed Spec Sheet					



WHAT IS BLUE PANTHER DEF?

Blue Panther DEF is a mixture of 32.5% high purity urea and 67.5% deionized water used in Selective Catalytic Reduction (SCR) systems on diesel engines. DEF is the primary ingredient used to help convert diesel powered bus, car and truck NOx emissions to harmless nitrogen and water. Blue Panther DEF is stable, colorless, non-flammable, non-toxic and is classified as minimum risk for transportation. Conforms to the ISO 22241-1 spec for DEF, is API registered and meets or exceeds all OEM specifications.

- Use only dedicated DEF equipment when handling/dispensing DEF and keep dispensing equipment clean and free from dust or dirt.
- DO NOT fill DEF into diesel fuel tank.
- DO NOT fill diesel fuel into DEF tank
- DO NOT add water to DEF

HANDLING & STORAGE

The shelf life of DEF is directly related to the temperature at which it is stored. Storage temperature should be 23°F (-5°C) and 68°F (20°C) and is recommended to maintain optimal shelf life of up to two year. If DEF freezes, its efficiency will not be affected upon thawing. Blue Panther DEF may not be compatible with all materials. Contact your Blue Panther sales rep for more information.



PHYSICAL & 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)	N/A
Vapor Density (Air -1)	0.6 H2O, >1
Water Solubility	100%
Appearance	Colorless, clear liquid
Odor	None to slight ammonia
Evaporation Rate	<1



Recommended by
Fleets Nationwide

BLUE PANTHER PART NUMBERS	
1 gallon:	55 gallon drum:
2.5 gallon:	330 gallon tote:



Fleetcool™ EX Coolant

for Heavy Duty Diesel Applications



 Pink Color

Competitive Advantages

- Extended Life Hybrid Organic Formulation
- Premium Quality
- Phosphate-Free
- Low Silicate
- Contains Proprietary Chemical Inhibitor System
- Protects Against Liner Pitting and Corrosion
- Compatible with Supplemental Coolant Additive (SCA) Chemical Filters
- Compatible with ALL Coolants and SCAs
- Reduces SCA & Water Filter Usage
- Extended Maintenance Intervals

Applications

- Heavy Duty Diesel Engines

Technology

- Extended Life Borate/Nitrite Formulation
- Protects engine from liner pitting and corrosion
- Compatible with SCA chemical filters
- Contains a Phosphate-free formulation

Meets or Exceeds Industry Performance Requirements

- Meets the low silicate limits of GM 6038M in addition to:
 - ASTM D-3306
 - ASTM D-4985
 - ASTM D-6210
 - Case®
 - Caterpillar®
 - Cummins® 14603
 - Detroit Diesel® 7SE298
 - EMD® M.I. 1748E
 - Ford®
 - Freightliner® 48-22880
 - GM® 1825
 - GM® 1899
 - John Deere® 8650-5
 - Mack®
 - U.S. Military: CID A-A 52624A
 - International Truck & Engine®
 - New Holland® 9-86
 - PACCAR®
 - SAE 1941
 - TMC RP 329
 - Volvo®
 - Waukesha® 4-1974D

Fleetcool™ EX Coolant Ethylene Glycol 50/50 Premix - Part Numbers

U.S.	Canada	Description	Package	U.S.	Canada	Description	Package
CC2739	CC2739X	CONCENTRATE	BULK	CC2743	CC2743X	PREMIX	BULK
CC2740	CC2740X	CONCENTRATE	TOTE	CC2744	CC2744X	PREMIX	TOTE
CC2741	CC2741X	CONCENTRATE	DRUM	CC2745	CC2745X	PREMIX	DRUM
CC2742	CC2742X	CONCENTRATE	6/1 GAL	CC2746	CC2746X	PREMIX	6/1 GAL

Fleetcool™ EX Coolant

Ethylene Glycol 50/50 Premix

HEAVY DUTY APPLICATIONS



3 Easy Maintenance Steps

1. Fill System with Fleetcool™ EX Coolant
2. Install WF2131 Slow Release Filter OR use Fleetcool™ EX Extender
 - Good for 150,000 Miles (250,000 Km), 4,000 Hours, or 1 Year
3. Test / Top-off

Step 1 - Fill with Fleetcool™ EX Coolant

- Highest Liner Pitting Protection 2.5 Units/gallon
- Low Silicate, Low Total Dissolved Solids
- Compatible with All Other Coolants, including Organic Acids, and SCAs
- Meets Detroit Diesel® Nitrite-Borate Chemistry Requirements
- Superior Protection versus Detroit Diesel® Power Cool Antifreeze
- Meets All OEM Specifications

Step 2 - Install WF2131 Slow Release Filter OR use Fleetcool™ EX Extender

The WF2131 Contains:

- Stratapore™ 10 Micron Media
- Slow Release Pellets
- Double Shell Thickness

Benefits:

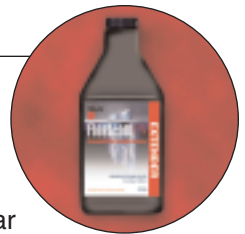
- Reliable Slow Chemical Release Over Time
- No Contaminants Added
- Media Absorbs Small Amounts of Oil
- Replace Every 150,000 Miles (250,000 Km), 4,000 Hours, or 1 Year



Fleetcool™ EX Extender:

An Alternative Way to Reinject the System

- Used in Place of a WF2131 Filter
- For Use With Engines That Do Not Have Water Filters
- Replenishes Chemicals Lost During Normal Engine Use
- Replenish every 150,000 Miles (250,000 Km), 4,000 Hours, or 1 Year with CC2765 - 1 Quart



Step 3 - Test / Top-off Per OEM Specifications

Fleetguard® 3-Way Test Strips Test for:

- Liner Pitting Protection
- Freeze Point
 - CC2602 - Bottle 50 Strips
 - CC2602A - 4 Pack Single Strips
 - CC2602B - 100 Single Strips



Top-off:

- If Freeze point must be lowered, add Fleetcool™ EX EG Concentrate
- For normal coolant loss add Fleetcool™ EX EG Premix





Castrol TranSynd

Fully Synthetic Automatic Transmission Fluid

Description

Castrol TranSynd is a premium, synthetic, universal powershift and automatic transmission fluid with TES 295™ and TES 468™ approval.

Application

Castrol TranSynd can be recommended for all vehicles calling for Dexron III/Mercon or Allison TES 295 and TES 468 ATF's suitable for bus and refuse vehicles with automatic transmissions.

Advantages

- Excellent thermal and oxidation stability resists deposit formation
- High viscosity index synthetic base fluids provide superior high/low temperature performance
- Excellent shear stability for extended drain intervals and reduced used oil disposal costs
- Excellent corrosion resistance for longer equipment life
- Compatible with most other automotive transmission fluids and seals
- One fluid for year-round use in all geographic regions
- The unique formulation of TranSyndT M can be used in a variety of vehicles such as:
 - Inter or Intra city Buses and School Buses
 - Vans of various types and sizes
 - Emergency Vehicles such as Ambulances and Fire Trucks
 - Commercial Vehicles and Mid-size Trucks
 - Any of the above equipped with Allison Hybrid Electric Transmissions
 - Pickup trucks equipped with an Allison transmission
 - Older Passenger cars or pickup trucks which call for a DEXRON®-I/II, DEXRON®-III, DEXRON®-II, or DEXRON® ATF

Typical Characteristics

Name	Method	Units	Castrol TranSnyd
Density @ 15C, Relative	ASTM D4052	g/ml	0.848
Colour	Visual	-	Red
Appearance	Visual	-	Bright & Clear
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	7.4
Pour Point	ASTM D97	°C	-63
Flash Point, COC	ASTM D92	°C	235
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	38
Viscosity Index	ASTM D2270	None	167
Viscosity, Brookfield @ -40C (75W)	ASTM D2983	mPa.s (cP)	8500

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Product Performance Claims

Allison TES 295, TES 468
MB-Approval 236.91
ZF TE-ML 04D, 14C, 16M

User Advice

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office, or via the internet at www.castrol.com/us. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Castrol TranSynd
24 Apr 2013

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BP Lubricants USA Inc., 1500 Valley Road , Wayne, NJ 07470

www.castrol.com