



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

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Central Bidding Time: Thu July 20, 2017 2:03:08 PM GMT-6

Location: **League City > Louisiana > USA**

Name: **Johnny Harrison**

Email: **jrh@petropangea.com**

Address: **2206 Gleneagles Dr.**

Zip code: **77573**

Contact number: **2813349110**

Official Company/Business Name: **PETROPANGEA, Inc.**

Are you registered with the State of Louisiana as a Disadvantaged Business Enterprise (DBE)?: **No**

Is your company owned by a female?: **No**

Is your company owned by a minority?: **Yes**

Louisiana Contractor ID#:

NIGP Codes: (Commodity code categories)

40507 - Fuel Additives, Extenders, Octane Enhancers, etc.

40509 - Fuel Oil, Diesel (Use 405-02 for Biodiesel)

40521 - Gasoline, Marine White

40524 - Grease, Lubrication Type

40530 - Kerosene

40547 - Oil, Compressor

40548 - Oil, Cutting

40549 - Oil, Gear

- 40551** - Oil and Fluid, Hydraulic
- 40560** - Oil, Marine Engine
- 40572** - Oil, Refrigeration
- 40582** - Oil, Two-Cycle Engine
- 40590** - Synthetic Petroleum Products

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Central Auction House, LTD



CENTRALBIDDING
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Central Bidding Time: Thu July 20, 2017 2:03:30 PM GMT-6

Place a Bid for 5000120161 - TWO (2) YEAR CONTRACT FOR A SUPPLY OF PETROLEUM PRODUCTS, KEROSENE, VARSOL, ETC. FOR THE JEFFERSON PARISH DEPARTMENT OF FLEET MANAGEMENT

Please enter your best bid proposal for this project

Louisiana Contractor ID#

Enter all information required on the outside of the sealed envelope in the box below

| | |
|--|----------------------|
| <input type="text"/> | <input type="text"/> |
| <p>Jefferson Parish Bid Number 50-00120161 - TWO (2) YEAR CONTRACT FOR A SUPPLY OF PETROLEUM PRODUCTS, KEROSENE, VARSOL, ETC. FOR THE JEFFERSON PARISH</p> <p>Bid Due: July 20, 2017 at 2:00PM</p> <p>Bidder: PETROPANGEA, Inc. 2206 Gleneagles Dr. League City, TX 77573</p> | |

Bid Bond #

Jefferson Parish Vendor #:

Upload Attachment(s)

While this site accepts various file types, sizes and quantities, the preferred method for delivering all of the appropriate and required bid documents is one single scanned PDF file. Vendors submitting bids with multiple uploaded images/photos of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, the bidder's submission will be rejected. Please note all requirements in this bid package for electronic bid submission.

Upload a file

Click the Upload button in order to upload bid related documents

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Central Auction House, LTD



Bid Number 50-00120161

**TWO (2) YEAR CONTRACT FOR A SUPPLY OF PETROLEUM PRODUCTS,
KEROSENE, VARSOL, ETC. FOR THE JEFFERSON PARISH DEPARTMENT
OF FLEET MANAGEMENT**

BID DUE: JULY 20, 2017 AT 2:00 PM

ATTENTION VENDORS!!!

**Please review all pages and respond accordingly, complying with all provisions
in the technical specifications and Jefferson Parish Instructions for Bidders and
General Terms and Conditions. All bids must be received in the Purchasing
Department by the bid due date and time.**

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053**

**Buyer Name: Misty A. Camardelle
Buyer Email: mcamardelle@jeffparish.net
Buyer Phone: 504-364-2683**



**PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573**



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The East bank Office of Purchasing is now open! We are located in the Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Suite 404, Jefferson, LA 70123. Bidders may submit bid responses at this location, pending authorization in each bid package. **Bidders should carefully read and must respond accordingly per the requirements of the bid packages. NOTE: Bidders submitting bids on the day of bid opening, bidders must submit at the West Bank location only.**

Other Changes Continued:

- For all advertised bids, corporate resolutions and/or written evidence of signature authority must be included with bid submission.
- Effective June 1, 2017, bidders may no longer send bid responses via facsimile, as some bid solicitations may provide. Vendors responding to bid solicitations may only submit via USPS, courier service, hand delivery or via online by registering free of charge at www.jeffparishbids.net. For more information, please contact the Purchasing Department or visit jeffparish.net.
- Current W9 Forms and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- Upon contract execution, successful bidder must continue producing final insurance certificates per standard Jefferson Parish insurance requirements. Proof of insurance is required for bidding purposes. Bidders must read the insurance requirements attachment included in each bid package for specific instructions.

Bidders should reference the "Additional Requirements" section of the bid instructions and/or the "Important Notice to Bidders" included in the bid package for specific requirements to respond accordingly.

For more information, please call Jefferson Parish Purchasing at 504-364-2678.

General Government Bldg. – 200 Derbigny St – Suite 4400 - Gretna, LA 70053

Office 504.364.2678 – Fax 504.364.2693

Email: Purchasing@jeffparish.net Website: www.jeffparish.net



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

DATE: 6/28/2017
BID NO.: 50-00120161

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

BUYER: MCamardelle@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 7/20/2017 AND PUBLICLY OPENED THEREAFTER.

For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only. All bids will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

DATE: 6/28/2017

BID NO.: 50-00120161

Page: 2

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office which will then respond in writing as soon as possible.

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA - R.S. 38:2251-2251"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

10, 12, 13, 15

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(f), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

DATE: 6/28/2017

BID NO.: 50-00120161

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INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise stated in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached "insurance requirements" sheet. All bidders must comply with the instructions in this sheet. Failure to comply will cause bid to be rejected.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies). If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations or warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA - RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

DATE: 6/28/2017
BID NO.: 50-00120161

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES X NO _____

MAXIMUM ESCALATION PERCENTAGE REQUESTED 10 %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 12-01-2018

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: PETROPANGEA, INC.

ADDRESS: 2206 GLENEAGLES DR.

CITY, STATE: LEAGUE CITY, TX ZIP: 77573

TELEPHONE: (281) 334-9110 FAX: (N/A)

EMAIL ADDRESS: petropangea24@gmail.com

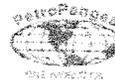
In the event that addenda are issued with this bid, bidders **MUST** acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: 1

NUMBER: _____

NUMBER: _____

NUMBER: _____



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

TOTAL PRICE OF ALL BID ITEMS: \$ \$452,651.00

AUTHORIZED SIGNATURE: J. R. Harrison

J. R. HARRISON

Printed Name

TITLE: PRESIDENT

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00120161

SEALED BID

| ITEM NUMBER | QUANTITY | U/M | DESCRIPTION OF ARTICLES | UNIT PRICE QUOTED | TOTALS |
|-------------|----------|------|---|--|-------------|
| 1 | 1.00 | DRUM | TWO (2) YEAR CONTRACT FOR A SUPPLY OF PETROLEUM PRODUCTS, KEROSENE, VARSOL, ETC. FOR THE JEFFERSON PARISH DEPARTMENT OF FLEET MANAGEMENT | | |
| | | | 0001 CROWN 85W140 GL5 55 GALLON DRUM PETROLEUM PRODUCTS | \$409.00 | \$409.00 |
| | | | (MORE OR LESS) (AS PER BELOW SPECS) GRAVITY, API - 25.5 FLASH, COC.F - 375 POUR, PT., F-0 VISCOSITY CST AT 40 C - 310 CST AT 100C - 24.7 SSU AT 100F - 1668 SSU AT 210F - 123 STRAIGHT MINERAL GEAR LUBRICANT MEETING API GL5 SPECIFICATIONS | GXOil Gear Oil 85W140 (API GL-5/MT-1) PC: A.31a.85W140.55 | |
| 2 | 250.00 | DRUM | 0002 CROWN ATF DEXRON/MERCON 55 GAL. DRUM, PETROLEUM PRODUCTS | \$348.70 | \$87,175.00 |
| | | | (MORE OR LESS) (AS PER BELOW SPECS) FLASH F-360 POUR F-(30) VISCOSITY CST AT 40 C-39.7 CST AT 100C - 6.2 SSU AT 100F - 264 SSU AT 210F - 47.1 VISCOSITY INDEX - 102 USED IN ALLISON POWERSHIFT AND MODEL CL(8)T700 AUTOMATIC TRANSMISSIONS AND OTHER EQUIPMENT REQUIRING EITHER TYPE C-1, TYPE C-2, OR TYPE C-3 HYDRAULIC TRANSMISSION FLUID. SUPER SMP DEXION/MEICON | GXOil ATF-Dexron III/MERCON PC: A.35.55 | |
| 3 | 200.00 | DRUM | 0003 CROWN HYDRAULIC A.W.46 55 GALLON DRUM | \$308.00 | \$61,600.00 |
| | | | PETROLEUM PRODUCTS (MORE OR LESS) (AS PER BELOW SPECS) FLASH, F-441 POUR, F-0 VISCOSITY CST AT 40 C - 43.3 SSU AT 100F - 155 VISCOSITY INDEX - 95 ISO VG - 46 FOAM ASTM D-892 SEW. I, II & III OXIDATION STABILITY ASTM D-942 HRS-1000+ HYDROLYTIC STABILITY ASTM D-2619 RUST PROTECTIONS ASTM D-665 A & B VANE PUMP TEST ASTM D-2882 35 V Q 25 VANE PUMP TEST | GXOil Hydraulic Oil ISO 46 (AW, R&O, 5000Hrs) PC: A.40.46.55 | |



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00120161

SEALED BID

| ITEM NUMBER | QUANTITY | U/M | DESCRIPTION OF ARTICLES | UNIT PRICE QUOTED | TOTALS |
|-------------|----------|------|---|---|-------------|
| 4 | 25.00 | DRUM | <p>SUPER S AW46</p> <p>0004 CROWN HYDRAULIC A.W.32 LLDR, 55 GALLON DRUM</p> <p>PETROLEUM PRODUCTS</p> <p>HYDRAULIC OIL (MORE OR LESS) (AS PER BELOW SPECS) FLASH, F-432 POUR, F-0 VISCOSITY CST AT 40 C-30.1 SSU AT 100F-155 VISCOSITY INDEX-95 ISO VG-32 FOAM ASTM D-892 SEQ I, II & III OXIDATION STABILITY ASTM D-943 - 1000+ HYDROLYTIC STABILITY ASTM D-2619 POINT PETROLEUM ASTM D-665A&B VANE PUMP TEST ASTM D-2882 35V Q 25 VAN PUMP TEST</p> | <p>\$288.20</p> <p>GXOil Hydraulic Oil ISO 32 (AW, R&O, 5000Hrs) PC: A.40.32.55</p> | \$7205.00 |
| 5 | 10.00 | DRUM | <p>SUPER S AW32</p> <p>0005 CROWN UTF 55 GAL DRUM PETROLEUM PRODUCTS FLD.</p> <p>LLDR (MORE OR LESS) (AS PER BELOW SPECS) FLASH, COC F-392 POUR, PT., F-(-25) VISCOSITY CST AT 40 C-57.8 CST AT 100C-9.1 SSU AT 100F-272 SSU AT 210F-55.7 VISCOSITY INDEX - 135 PREMIUM UNIVERSAL LUBRICANT FOR ALL TRACTORS THAT REQUIRE A SINGLE OIL FOR LUBRICATION OF TRANSMISSION, DIFFERENTIAL AND DRIVE GEARS. IT CAN BE USED AS POWER BRAKE, POWER TAKE-OFF AND POWER STEERING FLUID WHERE MINERAL OILS ARE RECOMMENDED. MEETS SPECS FOR AC POWER FLUID 821. ALLISON C1, C2, C3, C4 CATERPILLAR T02, FORD/NEW HOLLAND ESNM2C41B, ESNMC248-B, ESNM2C53C, ESNM2C77A, ESNM2C868, ESNM2C134A, J,C,D CASE INTERNATIONALS JIC 185, JIC 145, JIC 144, JIC 143, MS 1205, MS 1204, MS 1210 (TCH), MS 1206 (POWER GRADE PTE) JOHN DEERE J20A (HY GARD), J1145 (303 FLUID), J146, J21A</p> <p>SUPER S SUPER TRX 303</p> <p>PREMIUM UNIVERSAL TRACTOR FLUID</p> | <p>\$328.90</p> <p>GXOil UTF-Premium Tractor Hydraulic (J20C) PC: A.34.55</p> | \$3289.00 |
| 6 | 50.00 | DRUM | <p>0006 CROWN ATF DEXRON/MERCON LLDR 55 GAL. DRUM, PETROLEUM PRODUCTS</p> | <p>\$327.80</p> <p>GXOil ATF-Dexron III/MERCON PC: A.35.55</p> | \$16,390.00 |



PETROPANGAEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00120161

SEALED BID

| ITEM NUMBER | QUANTITY | U/M | DESCRIPTION OF ARTICLES | UNIT PRICE QUOTED | TOTALS |
|-------------|----------|------|--|--|------------|
| 7 | 10.00 | DRUM | <p>(MORE OR LESS) (AS PER BELOW SPECS) COLOR-RED GRAVITY, API-29.5 FLASH, POINT F - 360 POUR, PTX, F(-40) VISCOSITY CP, AT (-40) C-40,000 CST AT 40 C - 37 CST AT 100C - 7.4 SSU AT 100F - 190 SSU AT 210F - 51 VISCOSITY INDEX - 160 PHOSPHORUS % MASS - 050 CALCIUM % MASS - 013 MEETS TRANSMISSION FLUID REQUIREMENTS FOR ALL ALLISON AUTOMATIC TRANS. ALLISON C3 & C4 AND CATERPILLAR T02 GM DEXRON II, AMERICAN MOTORS, CHRYSLER AND MERCON, ESP-M2C166H AS ESP-M2C133C.</p> <p>SUPER S MP DEXION/MEICON</p> | \$329.00 | \$3290.00 |
| 8 | 50.00 | DRUM | <p>0007 CROWN HD 15 W40 MOTOR OIL, 55 GAL. DRUM, PETROLEUM PRODUCTS</p> <p>(MORE OR LESS) (AS PER BELOW SPECS) GRAVITY, API-28.4 FLASH, COC, F-399 POUR, PT., F(-17) VISCOSITY CST AT 40 C - 120.5 CST AT 100C - 15.4 VISCOSITY INDEX - 135 ASH (SULFATED), % MAX - 8 TBN (ASTM D-2896)-2 D-664 -7.5 ZINC % MASS - 13 CALCIUM % MASS - 02 MEETS API CC, CD, CD-II, CE, SG & API SAE OIL REQUIREMENTS FOR GASOLINE ENGINES. MEETS SHEAR STABILITY REQUIREMENTS OF CCMC (CED-L-14-T74) AS MEASURED IN ASTM D-3945 SHEAR STABILITY TESTS. ALSO MEETS VISCOSITY GRADE FOR CUMMINS, DDC SERIES 60, NAVISTAR, INTERNATIONAL, AND MACK TRUCK ENGINES.</p> <p>SUPER S FLEETGAD 15W40</p> | \$324.50 | \$16225.00 |
| | | | <p>(AS PER BELOW SPECS) GRAVITY, API - 30.0 FLASH, COC, F - 410 POUR, F (-22)</p> | <p>GXOil HDMO SAE 15W40 (API CF/SJ TBN 12) PC: A.16.15W40.55</p> <p>GXOil PCMO SL-Motor Oil SAE 5W30 (API SL) PC: A.04.5W30.55</p> | |



PETROPANGEEA, INC.
 2206 Gleneagles Dr.
 League City, TX 77573

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 53-00120161

SEALED BID

| ITEM NUMBER | QUANTITY | U/M | DESCRIPTION OF ARTICLES | UNIT PRICE QUOTED | TOTALS |
|-------------|----------|------|--|--|-------------|
| 9 | 20.00 | EA | VISCOSITY CST AT 40 C - 70 CST AT 100C-10.2 VISCOSITY INDEX-146 ASH (SULFATED)- 81 ZINC % MASS - 09 MAGNESIUM % MASS - 13 COPPER PPM - 100 API LEVEL - SG UNILUSE API DIESEL ENGINE CATEGORY CC. SUPER S MULTIFLOR 5W30 | \$390.00 | \$7800.00 |
| 10 | 20.00 | EA | 0009 CROWN K - 1 KEROSENE, 55 GALLON CONTAINER SUPER S K-1 KEROSENE | \$440.00 | \$8800.00 |
| 11 | 20.00 | DRUM | 0010 CROWN 55 GALLON CONTAINER MINERAL SPIRITS SUPER S MINERAL SPIRITS | Total Dynatrans MP PC: 1-14100 | \$6380.00 |
| 12 | 80.00 | DRUM | 0011 CROWN ISO 46 HYDRAULIC OIL 55 GALLON DRUM PETROLEUM PRODUCTS PRODUCT CODE<: 65209 VISCOSITY @ 40 DEGREE C, CST 45.0 @ 100 DEGREE C, CST 6.8 @ 100 DEGREE F, SUS 237 @ 210 DEGREE F, SUS 449 VISCOSITY INDEX 102 GRAVITY DEGREE API @ 60 DEGREE F 29.5 FLASH POINT, COC, DEGREE F 420 POUR POINT, DEGREE F -20 COPPER CORROSION 1A EMULSION TEST @ 130 DEGREE F 30 MINUTES MAX PASS RUST TEST PASS _____ TURBINE OIL STABILITY TEST, HOURS 3000 PLUS SUPER S AW46 | GXOil Hydraulic Oil ISO 46 (AW, R&O, 5000Hrs) PC: A.40.46.55 | \$6380.00 |
| | | | 0012 CROWN ISO 68 55 GAL. DRUM PETROLEUM PRODUCTS PRODUCT CODE: 65211 VISCOSITY: @ 40 DEGREE C, CST 68.0 @ 100 DEGREE C, CST 8.3 | \$228.20 | \$18,256.00 |
| | | | | GXOil Hydraulic Oil ISO 68 (AW, R&O, 5000Hrs) PC: A.40.68.55 | |



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00120161

SEALED BID

| ITEM NUMBER | QUANTITY | U/M | DESCRIPTION OF ARTICLES | UNIT PRICE QUOTED | TOTALS |
|-------------|----------|------|---|-------------------|--------------|
| 13 | 20.00 | DRUM | <p>@ 100 DEGREE F, SUS 353 @ 210 DEGREE F, SUS 554.2 VISCOSITY INDEX 97 GRAVITY DEGREE API @ 60 DEGREE F 28.5 FLASH POINT, COC, DEGREE F 440 POUR POINT, DEGREE F -20 COPPER CORROSION 1A EMULSION TEST @ 1130 DEGREE F 30 MINUTES MAX PASS REST TEST PASS TURBINE OIL STABILITY TEST, HOURS 3000 PLUS</p> <p>SUPER S AW68</p> <p>0013 CROWN HI-TEMP 2 55 GAL DRUM CONTAINER</p> <p>PRODUCT CODE 70311 COLOR: BLUE SOAP TYPE: LITHIUM COMPLEX BASE OIL VISCOSITY @40 DEGREE C, CST 150 @100 DEGREE C, CST 14.5 NLGI CLASSIFICATION CG/LB DROPPING POINT DEGREE F 536 WATER WASHOUT WT 1/2 LOSS @ 175 DEGREE F 6.8 TIMKEN OK LOAD, LBS 45 RUST TEST PASS WORKED PENETRATAION, DMM @ 77 DEGREE F 60 STROKES 280 BOMB OXIDATION 100 HRS. @ 210 DEGREE F, PSI DROP 5 MAX</p> <p>SUPER S HI-TEMP RED GREASE #2</p> | \$576.00 | \$11,520.00 |
| 14 | 200.00 | GL | <p>0014 ILC MULTIGRADE, 5W20 MOTOR OIL IS A HIGH QUALITY MOTOR OIL THAT</p> <p>PROVIDES ANTI-WEAR PROTECTION AND PROTECTION AGAINST SLUDGE AND DEPOSIT FORMATION. ILC MULTIGRADE 5W20 MOTOR OIL IS THE HIGHEST API QUALITY OIL RECOMMENDATION FOR GASOLINE POWERED VEHICLES. TYPICAL TEST DATA: SAE GRADE 5W20 API GRAVITY @ 60 DEGREE F 33.6 VISCOSITY: CST@ 40 DEG. C 47.0 CST@ 100 DEG. C 8.3</p> <p>SUPER S MULTIFLOW 5W20</p> | \$6.215/gal | \$1243.00 |
| 15 | 200.00 | DRUM | <p>0015 TORQUE DRIVE SYNTHETIC TRANSMISSION FLUID - 55 GALLON DRUM</p> | \$964.00 | \$192,800.00 |
| | | | <p>GXOil High-Temperature No. 2 (NLGI GC-LB / Red) PC: G.160.2.400</p> <p>GXOil SN-Motor Oil SAE 5W20 (API SN, ILSAC GF-5) PC: A.06.5W20.55</p> <p>GXOil Full Synthetic SAE 75W90 (API GL-5) PC: A.131.75W90.55</p> | | |



PETROPANGEA, INC.
 2206 Gleneagles Dr.
 League City, TX 77573

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00120161

SEALED BID

| ITEM NUMBER | QUANTITY | U/M | DESCRIPTION OF ARTICLES | UNIT PRICE QUOTED | TOTALS |
|-------------|----------|------|---|-------------------|-----------|
| | | | <p>PHYSICAL DATA: KINEMATIC VISCOSITY @ 100 C, CST (ASTM D-445) TORQUE DRIVE: 7.4 KINEMATIC VISCOSITY @ 40 C, CST (ASTM D-445) TORQUE DRIVE: 37.1 BROOKFIELD VISCOSITY @ -40 C (CP) TORQUE DRIVE: 8411 VISCOSITY INDEX (ASTM D 2270) TORQUE DRIVE: 170 DENSITY @ 60 F (LB/GAL) TORQUE DRIVE: 7.038 FLASH POINT C (F) (ASTM D 92) TORQUE DRIVE: 230 (446) POUR POINT C (F) (ASTM D 97) TORQUE DRIVE: -55 (-67) FOUR BALL WEAR TEST (ASTM D-4172B: 40 KG 75C, 1200 RPM 1HR) MM TORQUE DRIVE: 0.45 COPPER CORROSION (150 C, 3 HR) TORQUE DRIVE: 1B</p> <p>SPECTROGRAPHIC ANALYSIS: BORON (PPM) TORQUE DRIVE: 133 CALCIUM (PPM) TORQUE DRIVE: 28 PHOSPHOROUS (PPM) TORQUE DRIVE: 230</p> <p>RECOMMENDED FOR USE IN APPLICATIONS SPECIFYING ALLISON TES-295, TES-389 OR C-4, DEXRON III, MERCON, VOITH 55.6336.X X(G-1363)ZF-TE-ML14C</p> | | |
| 16 | 5.00 | DRUM | 0016 75-140 SYNTHETIC GEAR OIL - 55 GALLON DRUM GXOil Full Synthetic SAE 80W140 (API GL-5) PC: A.131.80W140.55 | \$605.00 | \$3025.00 |
| 17 | 5.00 | DRUM | 0017 CAM2 BLUE BLOOD OW40 ELITE FULL SYNTHETIC MOTOR OIL - 55 GALLON DRUM GXOil Full Synthetic SAE OW40 (API SN, LSAC GF-5) PC: A.09.0W40.55 | \$448.80 | \$224.00 |
| 18 | 25.00 | EA | 0018 DELIVERY CHARGE | \$200.00 | \$5000.00 |
| | | | <p>PRODUCTS MUST BE DELIVERED WITHIN SEVENTY-TWO (72) HOURS OF ORDER PLACEMENT.</p> | | |



PETROPANGEA, INC.
 2206 Gleneagles Dr.
 League City, TX 77573

**Banking Resolution of
the Board of Director(s)
of
PetroPangea, INC.**

We, the undersigned, being all of the Directors of the Corporation, do hereby agree and consent to adopt this Banking resolution as of the date below and further

RESOLVE that the Corporation shall establish one or more deposit accounts in the Corporation name with the following Bank (the "Bank") and to transact Corporation business at any bank branch convenient to the Corporation.

Name of Bank:

Amegy Bank of Texas

RESOLVED FURTHER that the following Officer(s) is/are individually authorized to the extent allowed by the Corporation Bylaws or Resolution to transact business with said Bank on behalf of the Corporation.

Authorized Officers: Johnny R. Harrison President/Vice-President
Karen Harrison Secretary/Treasurer

Upon motion duly made, seconded and unanimously carried, it was resolved that the Banking Resolution be approved and adopted.

The Corporation Seal is hereby affixed and the resolution is annexed into the minutes of the Corporation.

Dated: December 3, 2012

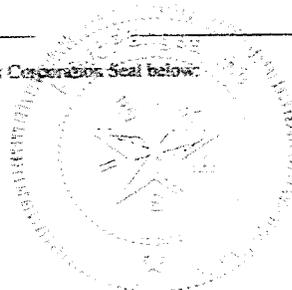


Director Signature

Johnny R. Harrison

Director Signature

Affix Corporation Seal below.



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

**Waiver of Notice of the Organizational Meeting of
Board of Director(s)
of**

PetroPangea, INC.

We, the undersigned, being all of the Director(s) of the Corporation, hereby agree and consent that the organizational meeting of the Board of Director(s) of the Corporation be held on the date and time and at the place designated hereunder, and do hereby waive all notice whatsoever of such meeting and of any adjournment or adjournments thereof.

We do further agree and consent that any and all lawful business may be transacted at such meeting or at any adjournment or adjournments thereof as may be deemed advisable by any Director present thereat. Any business transacted at such meeting or at any adjournment or adjournments thereof shall be as valid and legal and of the same force and effect as if such meeting or adjourned meeting were held after notice.

Place of Meeting: **3700 Montrose Blvd., Houston, Texas 77006**

Date and Time of Meeting: **December 3, 2012 at 10:00 a.m.**



Director Signature
Johnny K. Harrison

Director Signature

Affix Corporation Seal below:



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573



The Secretary presented to the meeting a proposed form of Bylaws for the regulation and management of the affairs of the Corporation, which were reviewed by the Director(s). Upon motion duly made, seconded and unanimously adopted, it was resolved, that the Bylaws submitted to and reviewed at this meeting are hereby adopted as the Corporation Bylaws by signing the adopting resolution to such effect.

The Secretary then presented to the meeting:

- A) A specimen form Stock Certificate representing shares in the Corporation
- B) The Corporation Seal

Upon motion duly made, seconded and unanimously carried, it was resolved that the specimen form of Stock Certificate and the Corporation Seal be approved, ratified and adopted by the Board of Director(s).

The form of Minute Book presented to and reviewed at this meeting is approved and adopted and the Secretary is instructed to insert in it the minutes of this meeting and all other proceedings of the Board of Directors and Shareholders.

The Chairman stated that it was necessary for the Directors to designate the bank or banks in which the Corporation's funds should be deposited and, further, to designate the persons having authority to sign checks and drafts and otherwise act in connection with such bank accounts. Upon motion duly made, seconded and unanimously carried, it was resolved, that such Officer(s) be and hereby is/are authorized to open a bank account in behalf of the Corporation with any financial institution and a resolution for that purpose was adopted and was ordered appended to the minutes of this meeting. Resolved further, that the Board of Director(s) has the power to designate and remove the persons having authority to sign checks and drafts and otherwise act in connection with such bank accounts.

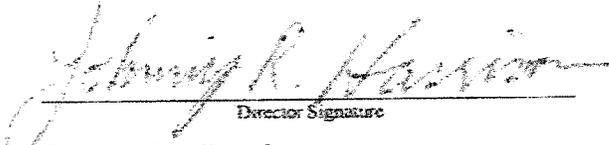
The Chairman presented to the meeting statements of expenses and charges incurred in the organization of the Corporation. Upon motion duly made, seconded and unanimously adopted, it was resolved, that the organizational expenses and charges presented to and reviewed by this meeting be paid from the funds of the Corporation.

Upon motion, duly made, seconded and unanimously adopted, it was resolved, that the Principal Office of the Corporation be established and maintained at the following location:

1909 Marvin Circle, Seabrook, Texas 77586

The Secretary then annexed all the aforementioned documents into the minutes and affixed the Corporation Seal.

There being no further business to come before the meeting, upon motion duly made, seconded and unanimously carried, the same was adjourned.



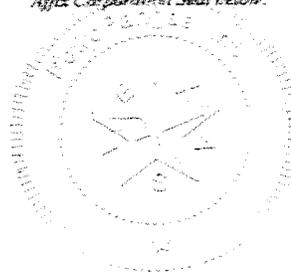
Director Signature
Johnny R. Harrison

Director Signature

Affix Corporation Seal below:



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573



CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF

INCORPORATED.

AT THE MEETING OF DIRECTORS OF _____
INCORPORATED, DULY NOTICED AND HELD ON _____,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT _____, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

SECRETARY-TREASURER

DATE

Non-Public Works Bid Affidavit Instructions

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

Instruction sheet may be omitted when submitting the affidavit

50-00120161

BID NO.: 50-00120121

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Non-Public Works Bid

AFFIDAVIT

STATE OF TEXAS

COPY

PARISH/COUNTY OF GALVESTON

BEFORE ME, the undersigned authority, personally came and appeared: _____

J. R. HARRISON, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized PRESIDENT/DIRECTOR of PETROPANGEA, Inc. (Entity), the party who submitted a bid in response to Bid Number 50-00120161, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B X there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B X There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

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50-00120161

BID NO.: 50-00120121

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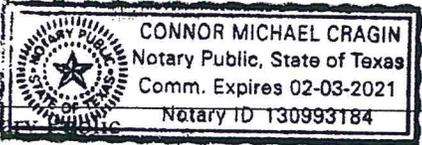
Page: 16

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

J. R. Harrison
Signature of Affiant

J. R. HARRISON
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 18th DAY OF July, 2017.


Notary Public

Printed Name of Notary

Notary/Bar Roll Number

My commission expires _____.

STANDARD INSURANCE REQUIREMENTS – PUBLICLY ADVERTISED BIDS

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the advertised bid. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability, Workmen's Compensation Insurance and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.



BID NO.: 50-00120161

COMMERCIAL GENERAL LIABILITY

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

COMPREHENSIVE AUTOMOBILE LIABILITY

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DEDUCTIBLES

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office with the concurrence of the Director of Risk Management.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required unless otherwise specified in the bid. Such insurance is due upon contract execution.

1) **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

2) **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.



PETROPANGAEA, INC.
2206 Gleneagles Dr.
League City, TX 77573



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

July 12, 2017

ADDENDUM # 1

Bid No.: 50-00120161

Bid Opening Date: July 20, 2017

For: Two (2) Year Contract for a Supply of Petroleum Products, Kerosene, Varsol, Etc. for the
Jefferson Parish Department of Fleet Management

CLARIFICATION.

Question: How many delivery locations there are, and if possible the actual locations?

Answer: There will be two locations.

- 4901 Jefferson Hwy, Jefferson, LA 70124
- 1501 River Park, Bridge City, LA 70094

Sincerely,

Misty A. Camardelle

Misty A. Camardelle, Buyer II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

General Government Bldg., - 200 Derbigny St - Suite 4400 - Gretna, LA 70053
Office 504.364.2678 - Fax 504.364.2693
Email: Purchasing@jeffparish.net Website: www.jeffparish.net

S U S A N

C O M B S

TEXAS COMPTROLLER *of* PUBLIC ACCOUNTS

P.O. Box 13186 • AUSTIN, TX 78711-3186



The Texas Comptroller of Public Accounts (CPA) administers the Statewide Historically Underutilized Business (HUB) Program for the State of Texas, which includes certifying minority and woman-owned businesses as HUBs and is designed to facilitate the participation of minority and woman-owned businesses in state agency procurement opportunities.

We are pleased to inform you that your application for certification/re-certification as a HUB has been approved. Your company's profile is listed in the State of Texas HUB Directory and may be viewed online at <http://www.window.state.tx.us/procurement/cmb1/hubonly.html>. Provided that your company continues to meet HUB eligibility requirements, the enclosed HUB certificate is valid for four years.

You must notify the HUB Program in writing of any changes affecting your company's compliance with the HUB eligibility requirements, including changes in ownership, day-to-day management, control and/or principal place of business. *Note: Any changes made to your company's information may require the HUB Program to re-evaluate your company's eligibility.*

Please reference the enclosed pamphlet for additional resources, such as the state's Centralized Master Bidders List (CMBL), that can increase your chance of doing business with the state.

Thank you for your participation in the HUB Program! If you have any questions, you may contact a HUB Program representative at (512) 463-5872 or toll-free in Texas at (888) 863-5881.

Texas Historically Underutilized Business (HUB) Certificate



Certificate/VID Number:

File/Vendor Number:

Approval Date:

Scheduled Expiration Date:

1461548066300

483660

19-AUG-2014

19-AUG-2018

The Texas Comptroller of Public Accounts (CPA), hereby certifies that

PETROPANGEA, INC.

has successfully met the established requirements of the State of Texas Historically Underutilized Business (HUB) Program to be recognized as a HUB. This certificate printed 22-AUG-2014, supersedes any registration and certificate previously issued by the HUB Program. If there are any changes regarding the information (i.e., business structure, ownership, day-to-day management, operational control, business location) provided in the submission of the business' application for registration/certification as a HUB, you must immediately (within 30 days of such changes) notify the HUB Program in writing. The CPA reserves the right to conduct a compliance review at any time to confirm HUB eligibility. HUB certification may be suspended or revoked upon findings of ineligibility.

Paul A. Gibson

*Paul Gibson, Statewide HUB Program Manager
Texas Procurement and Support Services*

Note: In order for State agencies and institutions of higher education (universities) to be credited for utilizing this business as a HUB, they must award payment under the Certificate/VID Number identified above. Agencies and universities are encouraged to validate HUB certification prior to issuing a notice of award by accessing the Internet (<http://www.window.state.tx.us/procurement/cmb1/cmb1hub.html>) or by contacting the HUB Program at 1-888-863-5881 or 512- 463-5872.

Insurance Declaration Affidavit
Automotive

AFFIDAVIT

STATE OF TEXAS

PARISH/COUNTY OF GALVESTON

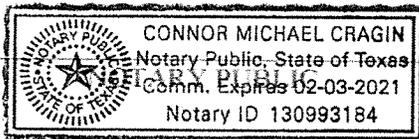
BEFORE ME, the undersigned authority, personally came and appeared,
J. R. HARRISON (Affiant) who after being duly sworn, deposed and said that
he/she is the fully authorized PRESIDENT/DIRECTOR of PETROPANGEA, Inc.
(Entity), the party who submitted a Proposal/Contract/Bid/RFP/SOQ No. 50-00120161
to Jefferson Parish.

Affiant further said:

- (1) That entity does not own automobiles or use automobiles in the furtherance of the services provided under the contract.
- (2) That if the entity obtains automobiles or begins to use automobiles in the furtherance of the services provided under the contract, affiant will notify Jefferson Parish and obtain the proper coverage.

J. R. Harrison
Signature of Affiant

SWORN TO AND SUBSCRIBED
BEFORE ME ON THIS 19th
DAY OF July, 20 17.





CHROBIN-06

NKRAFSIG

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY):
12/27/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| | | | |
|--|---|--|-----------------|
| PRODUCER Roanoke Insurance Group SC 28 Bridgeside Boulevard, Suite 206 Mount Pleasant, SC 29464 | CONTACT NAME PHONE (A/C, No, Ext): (843) 723-5880 FAX (A/C, No): (843) 556-0975 E-MAIL ADDRESS: | INSURER(S) AFFORDING COVERAGE INSURER A: Lloyds of London INSURER B: INSURER C: INSURER D: INSURER E: INSURER F: | NAIC # 15792 |
| INSURED Freightquote.com, Inc. 901 West Carondelet Drive Kansas City, MO 64114 | | | |

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| NEW TO | TYPE OF INSURANCE | ADDL. SUBR. REQ. W/O | POLICY NUMBER | POLICY EFF. (MM/DD/YYYY) | POLICY EXP. (MM/DD/YYYY) | LIMITS |
|--------|---|----------------------|---------------|--------------------------|--------------------------|--|
| | COMMERCIAL GENERAL LIABILITY | | | | | EACH OCCURRENCE \$ |
| | CLAIMS-MADE | OCCUR | | | | DAMAGE TO RENTED PREMISES (Ea occurrence) \$ |
| | | | | | | MED EXP (Any one person) \$ |
| | | | | | | PERSONAL & ADV INJURY \$ |
| | GEN'L AGGREGATE LIMIT APPLIES PER: | | | | | GENERAL AGGREGATE \$ |
| | POLICY | PRO-LOC | | | | PRODUCTS - COMP/PROP AGG \$ |
| | OTHER | | | | | \$ |
| | AUTOMOBILE LIABILITY | | | | | COMBINED SINGLE LIMIT (Ea accident) \$ |
| | ANY AUTO | | | | | BODILY INJURY (Per person) \$ |
| | OWNED AUTOS ONLY | SCHEDULED AUTOS | | | | BODILY INJURY (Per accident) \$ |
| | HIRED AUTOS ONLY | NON-OWNED AUTOS ONLY | | | | PROPERTY DAMAGE (Per accident) \$ |
| | | | | | | \$ |
| | UMBRELLA LIAB | OCCUR | | | | EACH OCCURRENCE \$ |
| | EXCESS LIAB | CLAIMS-MADE | | | | AGGREGATE \$ |
| | DED | RETENTIONS | | | | \$ |
| | WORKERS COMPENSATION AND EMPLOYERS LIABILITY | Y/N | | | | PER STATUTE OTHER |
| | ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in Mo) | N/A | | | | E.L. EACH ACCIDENT \$ |
| | if yes, description under DESCRIPTION OF OPERATIONS below | | | | | E.L. DISEASE - EA EMPLOYEE \$ |
| | | | | | | E.L. DISEASE - POLICY LIMIT \$ |
| A | CargoLegal Liability | | 16RTS9183 | 12/31/2016 | 12/31/2017 | Any one conveyance 100,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 701, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Proof of Coverage

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

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The ACORD name and logo are registered marks of ACORD



ITEM # 1

Gear & Transmission 85w140 (API GL-5)

- Our Gear & Transmission Oil for Axles and Differentials SAE 85W-140, is made with high viscosity index paraffinic base stock and a special additive package.
- To be used in medium to heavy-duty hypoid gears or rear axles.
- Also in linear gears, conic, helicoidal, or where an API GL-1 lubricant is recommended.
- They offer stability against oxidation and very good anti-foam characteristics.
- They offer rust and oxidation control, as compatibility with the seals.
- Available in Bulk, 275Gall, 55Gall, 5Gall, 3/1Gall, 12/1Qts.
- Revised In 05/2017.

Typical Inspections

Method

Typical Results

| <u>Typical Inspections</u> | <u>Method</u> | <u>Typical Results</u> |
|---|---------------|------------------------|
| Appearance | Visual | Brilliant |
| Color | ASTM D-1500 | 5 |
| Density, Lbs/Gal | Gardner | 7.53 |
| API Gravity | ASTM D-1298 | 25 |
| Specific Gravity @ 15.6 °C | ASTM D-1298 | 0.916 |
| Viscosity Index | ASTM D-2270 | 103 |
| Pour Point °C (°F) | ASTM D-97 | -19 (-2.2) |
| Flash Point C.O.C. °C (°F) | ASTM D-92 | 210 (410) |
| Fire Point C.O.C. °C (°F) | ASTM D-92 | 220 (428) |
| Viscosity @ 40°C, cSt | ASTM D-445 | 436 |
| Viscosity @ 100°F, SU | ASTM D-88 | 2328 |
| Viscosity @ 100°C, cSt | ASTM D-445 | 30.6 |
| Viscosity @ 210°F, SUS | ASTM D-88 | 150 |
| Brookfield Viscosity @ -12°C, cP 75,000 | ASTM D-2983 | 75,000 |

Meets the following Specifications:

SAE 85W140 API GL-5 MT-1 Mil-L-2105C/D

Service Designations in Current Use:

1. Denotes lubricants intended for gears, particularly hypoid gears, in axles operating under various combinations of high-speed shock loads and low-speed, high-torque conditions.
2. Lubricants qualified under MIL-L-2105D, satisfy the requirements of the API GL-5 specification, although the API designation does not require military approval.

Note: The general description, recommended uses, application data and statements in the product literature are guidelines.

Because the product may be used for a variety of applications, over which VexaPak/GXOil has no control, VexaPak/GXOil assumes no liability for incidentals, consequential, or direct damage of any kind, regardless of causes, including negligence.



PETROPANGEE, INC.
2206 Gleneagles Dr.
League City, TX 77573





ITEM #2

DEX-III Automatic Transmission Fluid (Dexron®-III)

- Our ATF DEX-III Automatic Transmission Fluid, is made with virgin paraffinic base oils and a premium additive package.
- Automatic Transmission Fluids, are one of the most complex multi-fluids available in the market. They have special characteristics such as:
 - Heat Dissipation.
 - Lubrication to the metals.
 - Smoothness in gear changes.
 - Wear Protection.
 - Anti-Foaming characteristics.
- Meets GM's Dexron® III and Ford's MERCON® specification, except for those that specify Type FORD MERCON® V.
- Recommended to be used on automatic transmissions and hydraulic steering systems in cars, light-truck and vans. Also, recommended to be used in certain agricultural and construction equipment, as well as in air compressors.
- Offers excellent resistance against oxidation, sludge deposits and soot formed during the high temperatures where the oil summited.
- Offers prevention against wear to the gears, bands & discs. Also, offers excellent characteristics to flow during very low temperatures.
- Available in Bulk, 275Gall, 55Gall, 5Gall, 3/1Gall, 12/1Qts.
- Revised in 05/2017.

Typical Inspections

Method

Typical Results

| | | |
|----------------------------|-------------|-------------|
| Appearance | Visual | Brilliant |
| Color | Visual | Red |
| Density, Lbs/Gal | Gardner | 7.2 |
| API Gravity | ASTM D-1298 | 32 |
| Specific Gravity @ 15.6 °C | ASTM D-1298 | 0.860 |
| Viscosity Index | ASTM D-2270 | 175 |
| Pour Point °C (°F) | ASTM D-97 | -48.3 (-55) |
| Flash Point C.O.C. °C (°F) | ASTM D-92 | 200 (392) |
| Fire Point C.O.C. °C (°F) | ASTM D-92 | 205 (401) |
| Viscosity @ 40°C, cSt | ASTM D-445 | 36.2 |
| Viscosity @ 100°C, cSt | ASTM D-445 | 7.6 |
| Viscosity @ -40°C, cP | ASTM D-2893 | 14,600 |

Suitable for use for the following OEM specifications:

| | | | |
|----------------|-----------------|-----------------|--------------|
| GM Dexron® III | GM Dexron® | Dexron® II/II-E | Tipo A |
| Detroit Diesel | Allison C-3/C-4 | CAT TO-2 | FORD Mercon® |

Note: The general description, recommended uses, application data and statements in the product literature are guidelines. Because the product may be used for a variety of applications, over which VexaPak/GXOil has no control. VexaPak/GXOil assumes no liability.



PETROPANGAEA, INC.
2206 Gleneagles Dr.
League City, TX 77573



ITEM #3, #4
#11 + #12

Hydraulic Oil

(ISO 32, 46, 68, 100, AW, R&O, 5000Hrs)

- Nuestro Aceite Hidráulico, está elaborado con básicos vírgenes parafínicos del grupo I y un paquete de aditivos de calidad mundial.
- Ventajas y Beneficios:
 - Excelente protección contra el desgaste, oxidación y corrosión.
 - Puede ser utilizado hasta por 5,000Hrs en operación.
 - Excelente resistencia a la oxidación sobre largos periodos de uso.
 - Demulsibilidad superior y resistencia a la espumación.
 - Estabilidad hidrolítica y térmica a largo plazo.
 - Excelentes habilidades de filtración y compatibilidad con los sellos.
- Para ser utilizados en sistemas hidráulicos que operan a altas temperaturas bajo condiciones severas de operación.
- Puede ser usado en bombas y prensas hidráulicas, maquinaria de inyección de plástico, herramienta neumática y cualquier equipo que utiliza un sistema hidráulico.
- No utilizarse en engranes o baleros que cuentan con aleaciones de plata.
- Disponible en Granel, 275Gall, 55Gall, 5Gall, 3/1Gall.
- Revisado en 05/2017.

Inspecciones Típicas

| | Metodo | | Resultado | Tipico | |
|----------------------------------|-------------|-------------|-------------|------------|------------|
| Grado ISO | ISO | 32 | 46 | 68 | 100 |
| Apariencia | Visual | Brillante | Brillante | Brillante | Brillante |
| Color | ASTM D-1500 | L1.0 | L1.5 | L2.0 | L2.0 |
| Densidad Lbs/Gal | Gardner | 7.3 | 7.32 | 7.34 | 7.35 |
| Gravedad API @ 60 °F | ASTM D-4052 | 30.2 | 30.5 | 30 | 29.3 |
| Gravedad Especifica @ 15.6 °C | ASTM D-1298 | .872 | 0.878 | 0.88 | 0.882 |
| Indice de Viscosidad (min.) | ASTM D-2270 | 100 | 100 | 94 | 97 |
| Punto de Escurrimiento °C (°F) | ASTM D-97 | -29 (-20.2) | -29 (-20.2) | -27(-16.6) | -23 (-9.4) |
| Punto de Inflamación °C (°F) | ASTM D-92 | 200 (390) | 210 (410) | 220 (428) | 230 (446) |
| Punto de Ignición C.O.C. °C (°F) | ASTM D-92 | 210 (408) | 220 (428) | 230 (446) | 235 (455) |
| Viscosidad @ 40°C, cSt | ASTM D-445 | 32 | 46 | 68 | 100 |
| Viscosidad @ 100°C, cSt | ASTM D-445 | 5.3 | 6.9 | 8.4 | 10.4 |
| Prueba de Oxidación | ASTM D-943 | 4000 | 4000 | 4000 | 4000 |
| Tendencia a la Espumación | ASTM D-892 | Pasa | Pasa | Pasa | Pasa |
| RBOT (minutos) | ASTM D-2272 | 360 | 380 | 377 | 270 |

Cumple con las Siguietes Especificaciones:

Cincinnati Milacron: P-68, P-69, P-70
GM: LS-2, LH-03, LH-04, LH-06

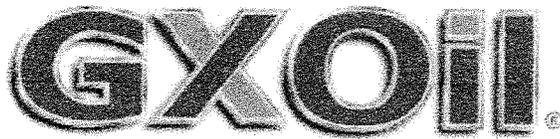
Denison: HF-0, HF-1, HF-2
US Steel: 127

DIN: 51524 (parte 2)

Vickers: M-2950-S, I-286-S



PETROPANGAEA, INC.
2206 Gleneagles Dr.
League City, TX 77573



ITEM #5

UTFO Premium Tractor Fluid

- Nuestro UTFO (Universal Tractor Fluid Oil) Premium para tractores agrícolas está elaborado con básicos vírgenes parafínicos (Grupo II) y un paquete especial de aditivos.
- Recomendado para lubricar las Transmisiones, Mandos Finales, Frenos Húmedos, Clutches y Sistemas Hidráulicos de tractores agrícolas modernos, así como en equipo de construcción.
- Debido a estas características multi-uso podemos llamarle Universal.
- Para ser utilizado además en equipos con transmisiones que operan dentro y fuera de carretera, así como en prensas hidráulicas de alta presión.
- NO recomendado para ser utilizado donde pide la especificación de servicio Caterpillar (CAT) TO-4. Si es recomendado para el servicio TO-2.
- Cuenta con excelente compatibilidad para los sellos, protección contra la corrosión y oxidación, así como propiedades anti-desgaste.
- Para ser utilizado en equipos utilizando transmisiones hidrostáticas 'Sundstran'
- Otra de sus ventajas y beneficios es que cuenta con modificadores de fricción para asegurar que no haya ruidos o rechinidos al operar los frenos húmedos.
- Ofrece excelente fluidez a bajas temperaturas.
- Es frecuentemente usado como fluido único para prevenir contaminación accidental o mala aplicación del usuario y al mismo tiempo elimina la duplicidad en las compras debido a sus características multiusos.
- Disponible en Granel, 55Gall, 5Gall, 3/1Gall.
- Revisado en 05/2017.

Inspecciones Típicas

| <u>Inspecciones Típicas</u> | <u>Metodo</u> | <u>Resultado Típico</u> |
|-------------------------------------|---------------|-------------------------|
| Apariencia | Visual | Brillante |
| Color | ASTM D-1500 | 6 |
| Densidad Lbs/Gal | Gardner | 7.41 |
| Gravedad API | ASTM D-1298 | 29.2 |
| Gravedad Especifica @ 15.6 °C | ASTM D-1298 | 0.889 |
| Indice de Viscosidad | ASTM D-2270 | 143 |
| Punto de Ecurrimiento °C (°F) | ASTM D-97 | -42.8 (-45) |
| Punto de Inflamación C.O.C. °C (°F) | ASTM D-92 | 220 (428) |
| Punto de Ignición C.O.C. °C (°F) | ASTM D-92 | 230 (446) |
| Viscosidad @ 40°C, cSt | ASTM D-445 | 56.1 |
| Viscosidad @ 100°C, cSt | ASTM D-445 | 9.2 |
| Fosforo (%peso) | ASTM D-6841 | 0.122 |
| Calcio (%peso) | ASTM D-6841 | 0.320 |

Cumple o Excede los requerimientos de las siguientes marcas:

Allison: C-4 CAT: T0-2 Denison: HF-O, HF-1, HF-2 John Deere: Quatrol™, J20C/D, J14A
 Case: MS-1209, MS-1207, JIC-145/MS-1210, JIC-185/MS-1204, MS-1205, MS-1206, B-6
 New Holland (Ford): FNHA-2-C-201.00 (M2C134-D), FNHA-2-C-200.00, M2C41-B, M2C48-B, M2C53-A
 Massey-Ferguson: M1135/M1141/M1143/M1110/M1127/M1129A
 Kubota/White Farm: Q-1826, Q-1705, Q-1766, Q-1802 Sundstrand: Hydraulics

Nota: La descripción general, usos recomendados, datos de aplicación y toda la información en esta Hoja Técnica son guías. Debido a que el Producto puede ser utilizado en aplicaciones variadas, donde Vexapak, LLC/GXOil no tiene control.

Vexapak, LLC/GXOil no se hace responsable por malos usos o malas aplicaciones del producto directa o indirectamente, no importando la causa.



PETROPANGEEA, INC.
 2206 Gleneagles Dr.
 League City, TX 77573



ITEM # 6

DEX-III Automatic Transmission Fluid (Dexron®-III)

- Our ATF DEX-III Automatic Transmission Fluid, is made with virgin paraffinic base oils and a premium additive package.
- Automatic Transmission Fluids, are one of the most complex multi-fluids available in the market. They have special characteristics such as:
 - Heat Dissipation.
 - Wear Protection.
 - Lubrication to the metals.
 - Anti-Foaming characteristics.
 - Smoothness in gear changes.
- Meets GM's Dexron® III and Ford's MERCON® specification, except for those that specify Type FORD MERCON® V.
- Recommended to be used on automatic transmissions and hydraulic steering systems in cars, light-truck and vans. Also, recommended to be used in certain agricultural and construction equipment, as well as in air compressors.
- Offers excellent resistance against oxidation, sludge deposits and soot formed during the high temperatures where the oil summited.
- Offers prevention against wear to the gears, bands & discs. Also, offers excellent characteristics to flow during very low temperatures.
- Available in Bulk, 275Gall, 55Gall, 5Gall, 3/1Gall, 12/1Qts.
- Revised in 05/2017.

Typical Inspections

Appearance

Method

Visual

Typical Results

Brilliant

Color

Visual

Red

Density, Lbs/Gal

Gardner

7.2

API Gravity

ASTM D-1298

32

Specific Gravity @ 15.6 °C

ASTM D-1298

0.860

Viscosity Index

ASTM D-2270

175

Pour Point °C (°F)

ASTM D-97

-48.3 (-55)

Flash Point C.O.C. °C (°F)

ASTM D-92

200 (392)

Fire Point C.O.C. °C (°F)

ASTM D-92

205 (401)

Viscosity @ 40°C, cSt

ASTM D-445

36.2

Viscosity @ 100°C, cSt

ASTM D-445

7.6

Viscosity @ -40°C, cP

ASTM D-2893

14,600

Suitable for use for the following OEM specifications:

GM Dexron® III

GM Dexron®

Dexron® II/II-E

Tipo A

Detroit Diesel

Allison C-3/C-4

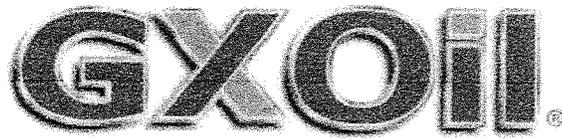
CAT TO-2

FORD Mercon®

Note: The general description, recommended uses, application data and statements in the product literature are guidelines. Because the product may be used for a variety of applications, over which VexaPak/GXOil has no control. VexaPak/GXOil assumes no liability.



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573



ITEM #7

HDMO CF/SJ-Heavy Duty Motor Oil 15w40

(API CF/SJ, TBN 12)

- Our HDMO CF/SJ Heavy Duty Motor Oil 15w40 is a multi-grade lubricant designed for use in four-stroke diesel engines as well as carbureted and gasoline engines in both heavy-duty and normal operating conditions.
- Formulated with anti-shear properties and Type I paraffinic base stocks and a special additive package designed for superior protection against wear, corrosion, oxidation and varnish.
- The API category CF was introduced in 1994 for typical service for use in four-stroke diesel engines using diesel fuel with >0.05% of sulfur content. (for both on/off highway).
- Our HDMO CF/SJ offers:
 - Effective piston deposits control. (caused by the high temperatures).
 - Increase gas mileage.
- Recommended to be used in Trucks and Diesel Engines as well as Compressors and Agricultural Equipment where an API CF is required.
- Recommended to be used where an API SJ gasoline motor oil specification is required.
- Available in Bulk, 275Gall, 55Gall, 5Gall.
- Revised in 05/2017.

Typical Inspections

| <u>Typical Inspections</u> | <u>Method</u> | <u>Typical Results</u> |
|----------------------------|---------------|------------------------|
| Appearance | Visual | Brilliant |
| Color | Visual | Amber/Green |
| Density Lbs/Gal | Gardner | 7.37 |
| API Gravity | ASTM D-1298 | 29.7 |
| Specific Gravity @ 15.6 °C | ASTM D-1298 | 0.885 |
| Viscosity Index | ASTM D-2270 | 134 |
| Pour Point °C (°F) | ASTM D-97 | -24 (-15) |
| Flash Point C.O.C. °C (°F) | ASTM D-92 | 240 (464) |
| Fire Point C.O.C. °C (°F) | ASTM D-92 | 250 (482) |
| Viscosity @ 40°C, cSt | ASTM D-445 | 105.3 |
| Viscosity @ 100°C, cSt | ASTM D-445 | 14.0 |
| Sulfated Ash, wt% | ASTM D-874 | 1.2 |

Meets, exceeds, or is suitable for use in the following specifications:

SAE 15W40 API CF/SJ, CF-4 TBN 12 ACEA E2-96 ACEA A2-96/B2-98

Meets, exceeds, or is suitable for use in the following OEM requirements:

MB 228.1 Volvo VDS MAN 271 MTU Level 1

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PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573



ITEM #8

SL-MOTOR OIL 10W30 (API SL)

- Our SL Motor Oil SAE 10W30 API SL, is blended using high viscosity paraffinic base stock's and a modern additive technology to reduce engine wear and extend engine life.
- Formulated to provide clean engines and excellent control of sludge and other engine deposits that form because of high engine temperatures and combustion exhaust.
- Offers protection in gasoline motors against deposits, oil oxidation, wear, rust & oxidation.
- Recommended for both on-highway and off-highway gasoline powered engines where the manufacturer calls for an API SL oil.
- The API SL category was introduced in October 2004.
- Available in Bulk, 275Gall, 55Gall, 5Gall, 12/1Qts.
- Revised in 05/2017.

| <u>Typical Inspections</u> | <u>Method</u> | <u>Typical Results</u> |
|----------------------------|---------------|------------------------|
| Appearance | Visual | Brilliant |
| Color | Visual | Amber |
| Density Lbs/Gal | Gardner | 7.37 |
| API Gravity | ASTM D-1298 | 28.4 |
| Specific Gravity @ 15.6 °C | ASTM D-1298 | 0.885 |
| Viscosity Index | ASTM D-2270 | 128 |
| Pour Point °C (°F) | ASTM D-97 | -29 (-20.2) |
| Flash Point C.O.C. °C (°F) | ASTM D-92 | 234 (453) |
| Fire Point C.O.C. °C (°F) | ASTM D-92 | 240 (464) |
| Viscosity @ 40°C, cSt | ASTM D-445 | 65.3 |
| Viscosity @ 100°C, cSt | ASTM D-445 | 10.4 |

Meets, exceeds, or is suitable for use in the following specifications:

SAE 10W30 API SL

Meets, exceeds, or is suitable for use in the following OEM requirements:

Sequence IIIF Sequence IVA Sequence VG

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PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573





DYNATRANS MP

ITEM #10



TOTAL

Lubricant for transmission systems, hydraulic circuits and oil-bath disc brakes fitted to agricultural tractors, construction machinery and handling systems.

APPLICATIONS

Transmission systems

Hydraulics

Submerged brakes

- Lubrication of mechanical transmission systems requiring a GL4 product.
- Lubrication of automatic transmission systems, torque converters and hydrostatic transmissions.
- Lubrication of power take-offs.
- Application to all hydraulic circuits.
- Lubrication of power-assisted steering systems.
- Lubrication of wet brakes with cellulose liners.

PERFORMANCES

Classifications

Meets manufacturers' specifications

API GL-4

JOHN DEERE JDM J 20A / J20C
FORD M2C 134D / FHNA 2C 201.00
CASE MS 1206 / 1207

CUSTOMER BENEFITS

Wide range of applications

Long component life

- Equally suitable for agricultural machinery and for construction machinery, meaning fewer lubricants need be stocked.
- Excellent low temperature performance (protects friction discs against any risk of binding).

SPECIFICATIONS

| DYNATRANS MP | Units | |
|------------------------------|--------------------------|------|
| Kinematic viscosity at 40°C | mm ² /s (cSt) | 63 |
| Kinematic viscosity at 100°C | mm ² /s (cSt) | 10.8 |
| Viscosity number | | 153 |
| Pour point | °C | -33 |

The values of the specifications shown in this table are given as an indication only

PETROPANGEA, INC.
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TOTAL Lubricants USA Southwest
400 Chisholm Place, Suite 416
Piano, Texas 75075
800-442-5823 or 469-241-0950
www.finalube.com

DYNATRANS MP
Sheet updated : 07/2009
International Product Data Sheet

TOTAL Lubricants USA, Inc
5 North Stiles Street
Linden, New Jersey 07036
800-526-4127 or 908-862-9300
www.total-us.com.

TOTAL Lubricants USA Southwest with a policy of continuous improvement, reserves the right to change specifications as our technology progresses. We are not responsible for the misuse and/or misapplication of our products. MSDS are found on our web sites.





ITEM #13

High-Temp. Grease No.2 (EP, GC-LB)



- Our High-Temperature Grease No. 2, is made from Lithium-Complex Soap and a low to medium paraffinic-naphthenic viscosity base stock.
- NLGI Range 265-295 and a High dropping point of 240°C (464°F) min.
- Fully treated with Extreme Pressure, Anti-Wear, Anti-Rust and Anti-Oxidant additives.
- Specially designed to be used in a wide variety of HEAVY-DUTY automotive, industrial, mining and construction applications.
- Excellent performance in severe applications such as: disk brakes, wheel bearings, U-joints, back-hoe hinge pins, fan hubs, etc.
- Water insoluble and resistant to water-wash out.
- Fully meets NLGI's GC-LB category.
- Manufactured in Red Color.
- Available in Bulk, 400Lbs, 120Lbs, 35Lbs, 6.6Lbs, 12/1Lbs, 10/14Oz.
- Revised in 05/2017.

Typical Inspections

Code
 NLGI Consistency
 Approx. Temperature Range, °F (°C)
 Bearing Rust
 Bearing Water Washout @ 100°F / 175°F
 Copper Corrosion
 Dropping Point, °F (°C), min.
 Four Ball Wear, average wear scar- diameter, mm
 Four Ball Weld, Weld Point, Kg
 Load Wear Index, Kg
 Oil Separation, wt % loss
 Oxidation Stability, O₂ Pressure loss in 100 hours, Lb/in²
 Penetration, 60 strokes, dmm
 Penetration, 10,000 strokes, dmm
 Texture
 Soap Type
 Timken, OK Load, Lb
 Color

Method

NLGI
 *
 D-1743
 D-1264
 D-4048
 D-2265
 D-2266
 D-2596
 D-2596
 D-1742
 D-942
 D-217
 D-217
 Visual
 D-2509
 Visual

Typical Results

G.160
 2
 5 to 356/(-15 to 180)
 pass
 < 2% / < 4%
 1b
 464 / (240)
 0.45
 250
 40
 < 3%
 10 Max.
 265-295
 < 5 % change
 Buttery Smooth
 Lithium Complex
 45
 Amber

Base Oil Properties:

| | | |
|--------------------------|-------|------------|
| Viscosity at 40 °C, Cst | D-445 | 86 - 345 |
| Viscosity at 100 °F, SUS | D-88 | 400 - 1600 |

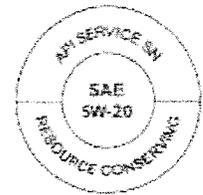
Note: The general description, recommended uses, application data and statements in the product literature are guidelines. Because the product may be used for a variety of applications, over which VexaPak/GXOil has no control, VexaPak/GXOil, assumes no liability for incidentals, consequential, or direct damage of any kind, regardless of causes, including negligence.



PETROPANGAEA, INC.
 2206 Gleneagles Dr.
 League City, TX 77573

ITEM #14

GXOil



SN-MOTOR OIL 5W20 (API SN, ILSAC GF-5)

- Our SN Motor Oil SAE 5W20 is designed for use in modern fuel injected gasoline engines, formulated with high-viscosity index Type II paraffinic base oils and a special additive package designed for superior protection against wear, corrosion, oxidation and varnish.
- Furthermore, a unique detergent additive prevents sludge or carbon deposits especially in extreme heat or pressure conditions.
- API License #3355.
- It enhances engine performance, extend oil life, ease cold-starts, and eliminate viscosity breakdown.
- Specially formulated to be used in Cars, Vans, Light Trucks and Trucks.
- The API SN category was Introduced in October 2010, designed to provide improved high temperature deposit protection for pistons, more stringent sludge control, and seal compatibility. API SN with Resource Conserving matches ILSAC GF-5 by combining API SN performance with improved fuel economy, turbocharger protection, emission control system compatibility, and protection of engines operating on ethanol-containing fuels up to E85.
- Available in Bulk, 275Gall, 55Gall, 5Gall, 4/5Qts, 3/1Gall, 12/1Qts.
- Revised in 06/2017.

Typical Inspections

Appearance

Method

Visual

Typical Results

Brilliant

Color

Visual

Amber

Density Lbs/Gal

Gardner

7.37

API Gravity

ASTM D-1298

29.7

Specific Gravity @ 15.6 °C

ASTM D-1298

0.885

Viscosity Index

ASTM D-2270

124

Pour Point °C (°F)

ASTM D-97

-36 (-34)

Flash Point C.O.C. °C (°F)

ASTM D-92

228 (442)

Fire Point C.O.C. °C (°F)

ASTM D-92

234 (453)

Viscosity @ 40°C, cSt

ASTM D-445

50.8

Viscosity @ 100°C, cSt

ASTM D-445

7.7

Meets, exceeds, or is suitable for use in the following specifications:

SAE 5W20 API SN ILSAC GF-5

Meets, exceeds, or is suitable for use in the following OEM requirements:

CHRYSLER MS-6395 FORD WSS-M2C945-A TOYOTA GM 6094M MB 229.3
HONDA

Note: The general description, recommended uses, application data and statements in the product literature are guidelines. Because the product may be used for a variety of applications, over which VexaPak/GXOil has no control. VexaPak/GXOil assumes no liability for incidentals, consequential, or direct damage of any kind, regardless of causes, including negligence.



PETROPANGEA, INC.
2206 Gleneagles Dr.
League City, TX 77573



ITEM #16

Full Synthetic Gear Oil 80w140

(API GL-5/MT-1)

- Our Full Synthetic Gear Oil 80w140 is formulated with synthetic base oils and specialty performance additives to provide improved high-temperature thermal and oxidative stability in a wide range of operating conditions.
- Specialty anti-scuffing additives and friction modifiers provide advanced protection and lubricity in extreme pressure conditions. Additionally, it is highly shear stable while also resisting rust, oxidation, foaming, and varnish.
- Designed for use in all seasons and exceed the year-around, all-weather performance viscosity requirements of SAE J306 as well as the rigorous performance requirements of API GL-5 and MT-1.
- API Category GL-5 designates the type of service characteristic of gears, particularly hypoids in automotive axles under high-speed and/or low-speed, high-torque conditions. Lubricants meeting API MT-1 provide protection against the combination of thermal degradation, component wear, and oil seal deterioration which is not provided by lubricants meeting only the requirements of API GL-5.
- These oils also meet or exceed the performance requirements of the following industry and OEM specifications: API GL-5, API MT-1, Mack GO-J Plus (80W-140), Scania STO 1:0, SAE J2360, ZFE-ML07A, MIL-L2105D, and MIL-PRF-2105E.
- Available in Bulk, 275Gall, 55Gall, 5Gall, 12/1Qts.
- Revised In 05/2017.

Typical Inspections

Appearance

Method

Visual

Typical Results

Brilliant

Color

Visual

Amber/Green

Density Lbs/Gall

Gardner

7.26

API Gravity

ASTM D-1298

28

Specific Gravity @ 15.6 °C

ASTM D-1298

0.872

Viscosity Index

ASTM D-2270

161

Pour Point °C (°F)

ASTM D-97

-34 (-29)

Flash Point C.O.C. °C (°F)

ASTM D-92

225 (437)

Fire Point C.O.C. °C (°F)

ASTM D-92

230 (446)

Viscosity @ 40°C, cSt

ASTM D-445

211.7

Viscosity @ 100°C, cSt

ASTM D-445

26.8

Meets the following Specifications:

SAE 80W140

API GL-5/MT-1

Exceeds Performance Requirements:

Mack GO-J Plus (80W140)

SCANIA STO 1:0

SAE J306

SAEJ2360

ZFE-ML07A

MIL-L-2105D

MIL-L-PRF-2105E

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PETROPANGAEA, INC.
2206 Gleneagles Dr.
League City, TX 77573

ITEM #17



Full Synthetic 0W20 (API SN, ILSAC GF-5)

- Our Full Synthetic SAE 0W20 is a high-performance multi-grade fully synthetic lubricant designed for use in carbureted, fuel injected, turbocharged and supercharged gasoline engines in both normal and extreme operating conditions.
- Formulated with a special additive package designed for superior protection against wear, corrosion, oxidation and varnish. Furthermore, a unique detergent additive prevents sludge or carbon deposits especially in extreme heat or pressure conditions.
- API License #3355.
- With superior anti-shear properties and high-viscosity index synthetic base stocks, it enhances engine performance, extends oil life, eases cold-starts, and eliminates viscosity breakdown.
- This oil exceeds the performance requirements of API SN, ILSAC GF-5, and GM Dexos1.
- The API SN category was introduced in October 2010, designed to provide improved high temperature deposit protection for pistons, more stringent sludge control, and seal compatibility. API SN with Resource Conserving matches ILSAC GF-5 by combining API SN performance with improved fuel economy, turbocharger protection, emission control system compatibility, and protection of engines operating on ethanol-containing fuels up to E85.
- Available in Bulk, 275Gall, 55Gall, 5Gall, 4/5Qts, 3/1Gall, 12/1Qts.
- Revised in 07/2017.

Typical Inspections

Appearance

Method

Visual

Typical Results

Brilliant

Color

Visual

Transparent

Specific Gravity @ 15.6 °C

ASTM D-1298

0.828

Viscosity Index

ASTM D-2270

155

Pour Point °C (°F)

ASTM D-97

-45 (-49)

Flash Point C.O.C. °C (°F)

ASTM D-92

217 (423)

Viscosity @ 40°C, cSt

ASTM D-445

36.4

Viscosity @ 100°C, cSt

ASTM D-445

7.1

Cold Crank cP @ -35°C

ASTM D-5293

<6200

Noack Volatility, %

ASTM D-5800

7.1

Phosphorus, wt%

0.080

Zinc, wt%

0.090

Meets, exceeds, or is suitable for use in the following specifications:

SAE 0W20

API SN

ILSAC GF-5

Exceeds specifications requirements:

ACEA A3/B4-10

ACEA A3/B3-08

ACEA A3/B4-08

ACEA A1/B1

ACEA A5/B5

BMW LL-01

Chrysler MS-6395

GM DEXOS® 1

GM-6094M

GM-4718M

GM-LL-A-025

Honda/Acura HTO – 06

Ford WSS-M2C946-A

MB 229.3

MB 229.5

VW 501 01

VW 502 00

VW 503 01

VW 505 00

TOYOTA



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