

BID FORM

NOTE TO ALL BIDDERS: WHEN SUBMITTING YOUR BID, PLEASE TURN IN ONLY THE FOLLOWING ITEMS:

1. FIRST PAGE OF SECTION V.
2. PROPOSAL(S) THAT YOU ARE BIDDING ON (PLEASE DO NOT RETURN THE ENTIRE SPECIFICATION SET).
3. LAST PAGE OF SECTION V.
4. ANY REQUIRED INFORMATION REQUESTED BY THE DETAILED SPECIFICATIONS AND/OR PROPOSAL(S) YOU ARE BIDDING ON.

THANK YOU.

DATE June 17, 2021

VERMILION PARISH POLICE JURY

Courthouse Building
100 North State Street
Suite 200
Abbeville, Louisiana 70510
OR
On-Line at www.centralbidding.com

Gentlemen:

In compliance with your invitation for the supplying of "Materials for Parish Road Maintenance" F.O.B. Vermilion Parish/Pick-Up by Parish Truck, having examined the specifications with related documents and being familiar with all of the conditions surrounding the supplying of the material called for including the availability of materials and labor, the undersigned hereby proposes to furnish all materials and supplies, in accordance with the contract documents, within the time agreed upon and at the prices stated below. These prices are to cover all costs incurred in performing the work required under the contract documents of which this Proposal is a part.

Bidder acknowledges receipt of the following addenda: _____

The undersigned bidder agrees to furnish all material described in the specifications for the following unit prices for a period from July 1, 2021 through December 31, 2021.

SECTION V

BID PROPOSAL NUMBER 9 — MOTOR OIL, HYDRAULIC OIL, AND GREASE

ITEM NO.	DESCRIPTION	UNIT PRICE — DELIVERED TO THE FOLLOWING AREAS	
		Area 1: Erath / Area 2: Cow Island / Area 3: Gueydan / Area 4: Kaplan-Leroy / Solid Waste Plant / Maintenance Shop	
1.	Hydraulic Fluid, ISO Viscosity Grade 68, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 400.00	BRAND NAME: Mobil Nuto H68
2.	Heavy Duty Gear Oil for Automotive Differentials and Manual Transmissions, SAE Grade 85W-140, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 695.00	BRAND NAME: Mobilube HD Plus 85W-140
3.	Heavy Duty Gear Oil for Automotive Differentials and Manual Transmissions, SAE Grade 85W-140, per 5 gallon drum drum ^{pail} (Shell or VPPJ approved equal),	\$ 99.00	BRAND NAME: Mobilube HD Plus 85W-140
4.	Hydraulic Wet Brake Fluid for Tractors, per 55-gallon drum (Shell or VPPJ approved equal),	\$ 640.00	BRAND NAME: Mobilfluid 424
5.	Single Grade Oil for Diesel Engines, SAE Grade 30W, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 820.00	BRAND NAME: Mobil Delvac 1230
6.	Single Grade Oil for Diesel Engines, SAE Grade 40W, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 730.00	BRAND NAME: Mobil Delvac 1240
7.	Automatic Transmission Fluid, Type ATF, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 712.00	BRAND NAME: Mobil ATF D/M
8.	Automatic Transmission Fluid, ATF, Type F, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 1,170.00	BRAND NAME: Mobil ATF Type F
9.	Transmission and Hydraulic Systems Oil, SAE Grade 30, API Designation SF/CC, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 715.00	BRAND NAME: Mobiltrans HD30
10.	Transmission and Hydraulic Systems Oil, SAE Grade 50, API Designation SF/CC, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 715.00	BRAND NAME: Mobiltrans HD50
11.	Motor Oil, SAE Grade 10W-30, API Designation SF/FG, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 585.00	BRAND NAME: Mobil Special 10W-30
1. Indicate in Description Area Shell Brand Bidding On. 2. Submit "PRODUCT DATA SHEET" of Each Item Bidding On. 3. Follow Instructions Presented in Article 12 of Section IV and Indicate with an Asterisk Each 10% Preference Item Claimed.			

SECTION V

BID PROPOSAL NUMBER 9 — MOTOR OIL, HYDRAULIC OIL, AND GREASE

ITEM NO.	DESCRIPTION	UNIT PRICE — DELIVERED TO THE FOLLOWING AREAS	
		Area 1: Erath / Area 2: Cow Island / Area 3: Gueydan / Area 4: Kaplan-Leroy / Solid Waste Plant / Maintenance Shop	
12.	Motor Oil, SAE Grade 10W-30, API Designation SF/CC, by the case, per quart (Shell or VPPJ approved equal),	\$ 24.00	BRAND NAME: Mobil Special 10W-30 QUARTS PER CASE: 6
13.	Motor Oil, SAE Grade 10W-40, API Designation SF/CC, by the case, per quart (Shell or VPPJ approved equal),	\$ 24.00	BRAND NAME: Mobil Special 10W-40 QUARTS PER CASE: 6
14.	Grease, EP 2, (Mobil Polyrex EP 2 or Conoco Tacna HD or Chevron Ultra-Duty EP or VPPJ approved equal), per cartridge, per ounce,	\$ 3.70	BRAND NAME: Mobilgrease XHP 222 OUNCES PER CARTRIDGE: 14
15.	Grease, EP 2, (Mobil Polyrex EP 2 or Conoco Tacna HD or Chevron Ultra-Duty EP or VPPJ approved equal), per 35-Pound Pail,	\$ 122.00	BRAND NAME: Mobilgrease XHP 222
16.	Grease, EP 2 (Mobil Polyrex EP 2 or Conoco Tacna HD or Chevron Ultra-Duty EP or VPPJ approved equal), per 55-gallon drum,	\$ 1,350.00	BRAND NAME: Mobilgrease XHP 222
17.	Gear Lubricant, SAE Grade 80/140, per 30-gallon drum 16 gallon keg (Shell or VPPJ approved equal),	\$ 350.00	BRAND NAME: Mobilube HD Plus 85W-140
18.	Motor Oil, 15W 40, per 55 gallon drum (Shell or VPPJ approved equal),	\$ 548.00	BRAND NAME: Mobil Delvac HDE 0 15W-40
1. Indicate in Description Area Shell Brand Bidding On. 2. Submit "PRODUCT DATA SHEET" of Each Item Bidding On. 3. Follow Instructions Presented in Article 12 of Section IV and Indicate with an Asterisk Each 10% Preference Item Claimed.			

SECTION V

BID PROPOSAL NUMBER 10 — UNLEADED GASOLINE AND DIESEL FUEL

ITEM NO.	DESCRIPTION	UNIT PRICE — FOR THE FOLLOWING AREAS WITHIN VERMILION PARISH:		
		Area 1: Erath. Area 2: Cow Island. Area 3: Gueydan. Area 4: Kaplan-Leroy. Solid Waste Plant and Public Works Building.		
1.	Gasoline: Ethanol (E10). Minimum 87-Octane, per gallon,	LA OPIS Price:	\$ 2.11270	Use LA OPIS Report Date: 06/14/2021
		Mark-Up Price:	\$ 0.1750	
		Brand Name:	Placid Refining	
2.	Gasoline: Ethanol (E10). Minimum 89-Octane, per gallon,	LA OPIS Price:	\$ 2.27550	Use LA OPIS Report Date: 06/14/2021
		Mark-Up Price:	\$ 0.1750	
		Brand Name:	Placid Refining	
3.	Diesel: Ultra-Low Sulfur Diesel Fuel for On-Road Equipment, per gallon,	LA OPIS Price:	\$ 2.17440	Use LA OPIS Report Date: 06/14/2021
		Mark-Up Price:	\$ 0.1750	
		Brand Name:	Placid Refining	
3.	Diesel: Ultra-Low Sulfur Diesel Fuel (Dyed Red) for Off-Road Equipment, per gallon,	LA OPIS Price:	\$ 2.16540	Use LA OPIS Report Date: 06/14/2021
		Mark-Up Price:	\$ 0.1750	
		Brand Name:	Placid Refining	

The above unit prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work called for. **TAXES NOT INCLUDED.**

The Contractor understands that the quantities of work will vary and offers to furnish the material as shown above in each Bid at the unit prices stated in the schedule. The Owner reserves the right to reject any Bid.

Upon receipt of written Notice of Acceptance of this bid, bidder will execute the agreement furnished by the Owner and return it before July 1, 2021, with registration certifications as outlined in Section IV, Article 11.

Respectfully Submitted,

Lard Oil Company of Acadiana
NAME OF PERSON, FIRM, OR CORPORATION

BY:

W. Stephens Division Manager
SIGNATURE AND TITLE

701 First St., Gueydan, LA 70542
BUSINESS ADDRESS

Phone: 337-536-6738 / Fax: 337-536-8130
BUSINESS TELEPHONE AND FAX NUMBER

www.lardoil.com
BUSINESS INTERNET SITE

wstephens@lardoil.com / mezelle@lardoil.com
BUSINESS E-MAIL ADDRESS



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
03/06/2021

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 FEDERATED MUTUAL INSURANCE COMPANY HOME OFFICE: P.O. BOX 328 OWATONNA, MN 55060		CONTACT NAME: CLIENT CONTACT CENTER PHONE (A/C, No, Ext): 888-333-4949 FAX (A/C, No): 507-446-4664 E-MAIL ADDRESS: CLIENTCONTACTCENTER@FEDINS.COM	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A: FEDERATED SERVICE INSURANCE COMPANY	
		INSURER B:	
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

INSURED
LARD OIL CO INC
PO BOX 9
DENHAM SPRINGS, LA 70727-0009

145-210-1

COVERAGES**CERTIFICATE NUMBER: 106****REVISION NUMBER: 0**

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.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)
							MED EXP (Any one person)
							PERSONAL & ADV INJURY
							GENERAL AGGREGATE
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						
	OTHER:						
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)
	<input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS						BODILY INJURY (Per accident)
	<input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR						EACH OCCURRENCE
	<input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE
	<input type="checkbox"/> DED <input type="checkbox"/> RETENTION						
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE
							E.L. DISEASE - POLICY LIMIT

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
SEE ATTACHED PAGE

CERTIFICATE HOLDER145-210-1
VERMILION PARISH POLICE JURY
100 N STATE ST STE 200
ABBEVILLE, LA 70510-5168

106 0

CANCELLATION

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

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**ADDITIONAL REMARKS SCHEDULE**Page 1 of 1

AGENCY FEDERATED MUTUAL INSURANCE COMPANY		NAMED INSURED LARD OIL CO INC PO BOX 9 DENHAM SPRINGS, LA 70727-0009
POLICY NUMBER SEE CERTIFICATE # 106.0		
CARRIER SEE CERTIFICATE # 106.0	NAIC CODE	EFFECTIVE DATE: SEE CERTIFICATE # 106.0

ADDITIONAL REMARKS**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,****FORM NUMBER:** 25 **FORM TITLE:** CERTIFICATE OF LIABILITY INSURANCE

VERMILION PARISH POLICE JURY, ITS OFFICIALS, EMPLOYEES & VOLUNTEERS ARE AN ADDITIONAL INSURED FOR GENERAL LIABILITY & BUSINESS AUTO LIABILITY.
INSURANCE PROVIDED BY THE GENERAL LIABILITY COVERAGE IS PRIMARY AND NONCONTRIBUTORY OVER OTHER INSURANCE.
WORKERS COMPENSATION CONTAINS A WAIVER OF SUBROGATION IN FAVOR OF THE CERTIFICATE HOLDER.
GENERAL LIABILITY CONTAINS A WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION) - AUTOMATIC ENDORSEMENT

FEDERATED INSURANCE COMPANIES

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART

INSURED:

LARD OIL CO INC
PO BOX 9
DENHAM SPRINGS LA 70727

1. WHO IS AN INSURED for "bodily injury" and "property damage" liability is amended to include the Additional Insured specified below but only with respect to liability arising out of your operations or premises owned by or rented to you.
2. The insurance does not apply to "bodily injury" or "property damage" liability arising out of the sole negligence of the Additional Insured named below.
3. We agree to notify the Additional Insured named below at the address stated below of any cancellation of, or material change to, this policy.

Relationship of the Additional Insured to the Insured:

ANY COVERAGE PROVIDED BY THIS ENDORSEMENT APPLIES
ONLY TO DELIVERY OF PETROLEUM PRODUCTS TO
CERTHOLDER

Additional Insured Name and Address:

VERMILLION PARISH POLICE JURY
ITS OFFICIALS EMPLOYEES &
VOLUNTEERS
100 N STATE ST STE 200
ABBEVILLE LA 70510

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**PRIMARY AND NONCONTRIBUTORY -
OTHER INSURANCE CONDITION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance; and

- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED - OWNERS, LESSEES OR
CONTRACTORS - SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
VERMILLION PARISH POLICE JURY ITS OFFICIALS EMPLOYEES & VOLUNTEERS 100 N STATE ST STE 200 ABBEVILLE LA 70510	ANY COVERAGE PROVIDED BY THIS ENDORSEMENT APPLIES ONLY TO DELIVERY OF PETROLEUM PRODUCTS TO CERTHOLDER
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II - Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

LARD OIL CO INC
PO BOX 9
DENHAM SPRINGS LA 70727

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

- C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III - Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US (WAIVER OF SUBROGATION) -
AUTOMATIC**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
ELECTRONIC DATA LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
POLLUTION LIABILITY COVERAGE PART DESIGNATED SITES
POLLUTION LIABILITY LIMITED COVERAGE PART DESIGNATED SITES
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART
UNDERGROUND STORAGE TANK POLICY DESIGNATED TANKS

The following is added to Paragraph **8. Transfer Of Rights Of Recovery Against Others To Us** of **Section IV - Conditions**:

We waive any right of recovery against any person or organization, because of any payment we make under this Coverage Part, to whom the insured has waived its right of recovery in a written contract or agreement. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person or organization prior to loss.

WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

This endorsement, effective on 04/01/2021 at 12:01 A.M. standard time, forms a part of

Policy No. 6076416

Issued to Lard Oil Co Inc

Issued by Federated Service Insurance Company

Endorsement No. 47

Authorized Representative

- We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce
- our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Vermillion Parish Police Jury
Its Officials Employees & Volunteers
100 N State St Ste 200
Abbeville, LA 70510-5168

Additional Reference:

- Work performed on behalf of the third party named above.

If work is performed in Missouri, this waiver does not apply to any construction group of classifications as designated by the Waiver of Our Right to Recover from Others rule in our manual.

Copyright 1983 National Council on Compensation Insurance.

AGREEMENTLard Oil Company of Acadiana

Company Name

does hereby enter into a contract with the Vermilion Parish Police Jury and agrees to the terms of the contract as stated above and in the specifications and contract documents for the "Materials for Parish Road Maintenance" for the Vermilion Parish Police Jury.

The undersigned agrees to furnish all awarded material described in the specifications for the unit prices for a period from July 1, 2021 through December 31, 2021.

State of Louisiana Sales Tax Certification No. _____

AND/OR

W-9 Request for Taxpayer Identification Number and Certification 27-4354682
Signature and Title

Division Manager

Kristen White

From: Oglesby, Jonathan D <jonathan.d.oglesby@exxonmobil.com>
Sent: Wednesday, June 20, 2018 7:16 AM
To: Kristen White
Subject: RE: Bid info required- due tomorrow morning by 10am

Kristen,

In support of Lard Oil Company's bid for Vermillion Parish, Vermillion Parish Police, or any other municipality in the state of LA, below is a "cut and paste" from our internal US Stock Plan, which highlights the following:

- Active Status
- Order lead time requirements, and
- How each offered product is stocked, at each of our source points

Per the offered product list below, the following products are manufactured at our Port Allen Blend Plant.

SKU	Plant	Plant Name	NA STRIPES Material Code	Material Description	Material Status	Status Desc	Procurement Type Info	Minimum Order Qty	Le tir (da
00UY103035	00UY	PT ALLEN	103035	MOBIL ATF D/M,55GA	20	ACTIVE	Manufactured	1	,
00UY113277	00UY	PT ALLEN	113277	MOBIL ATF D/M,BULK	20	ACTIVE	Manufactured	3260	,
00UY102579	00UY	PT ALLEN	102579	MOBIL DELVAC 1630 DRUM 55USG	20	ACTIVE	Manufactured	1	,
00UY102582	00UY	PT ALLEN	102582	MOBIL DELVAC 1640 DRUM 55USG	20	ACTIVE	Manufactured	1	,
00UY112921	00UY	PT ALLEN	112921	MOBIL SPECIAL 10W-40,12X1QT	20	ACTIVE	Manufactured	1	,
00UY123041	00UY	PT ALLEN	123041	MOBIL SPECIAL X1 10W-30, 6X1QT	20	ACTIVE	Manufactured	1	,
00UY112930	00UY	PT ALLEN	112930	MOBIL SPECIAL X1 10W-30,12X1QT	20	ACTIVE	Manufactured	1	,
00UY112929	00UY	PT ALLEN	112929	MOBIL SPECIAL X1 10W-30,55GA/208.2L	20	ACTIVE	Manufactured	1	,
00UY102656	00UY	PT ALLEN	102656	MOBIL TYPE F ATF,55GA	20	ACTIVE	Manufactured	1	,
00UY101139	00UY	PT ALLEN	101139	MOBILFLUID 424,55GA	20	ACTIVE	Manufactured	1	,
00UY100037	00UY	PT ALLEN	100037	MOBILFLUID 424,BULK	20	ACTIVE	Manufactured	3329	,
00UY101576	00UY	PT ALLEN	101576	NUTO H 68,55GA	20	ACTIVE	Manufactured	1	,
00UY113266	00UY	PT ALLEN	113266	NUTO H 68,BULK	20	ACTIVE	Manufactured	3356	,

If additional details are required, please don't hesitate to let me know.

Regards,

Jonathan D. Oglesby

Distributor Business Consultant

Office: 469.913.3630

Cell: 205.388.2008

Email: jonathan.d.oglesby@exxonmobil.com

From: Kristen White [mailto:Kristen@LardOil.com]

Sent: Tuesday, June 19, 2018 4:43 PM

To: Oglesby, Jonathan D <jonathan.d.oglesby@exxonmobil.com>

Subject: Bid info required- due tomorrow morning by 10am

Items bidding:

- Mobil Nuto H 68- drum
- Mobilube HD Plus 85W-140- drum, pail and keg
- Mobilfluid424- drum
- Delvac 1630- drum
- Delvac 1640- drum
- ATF D/M- drum
- Type F ATF- drum
- Mobiltrans HD 30- drum
- Mobiltrans HD 50- drum
- Mobil Special 10W-30- drum, 6x1 case
- Mobil Special 10W-40- 6x1 case
- HDEO 15W-40- drum

Attached is the section from the bid requesting written documentation: Supplier must submit written documentation that the products comply with Louisiana Revised Statute R.S. 38-2251 to support such claims.

Thanks, Jonathan!

Kristen White

Marketing Coordinator | Lard Oil Company

(225) 664-3312 x 234 | [S | www.lardoil.com](http://www.lardoil.com)



Nuto™ H Series

Mobil Industrial, United States

Hydraulic Oils

Product Description

Nuto™ H Series oils are good quality anti-wear hydraulic oils intended for industrial and mobile service applications, subjected to moderate operating conditions and requiring anti-wear lubricants.

Their effective oxidation resistance and chemical stability support good oil life in moderate to severe applications.

Features and Benefits

- Good anti-wear performance helps reduce pump wear and prolonging pump life
- Corrosion protection helps reduce the effects of moisture on system components
- Filterability to prevent filter blockage even in the presence of water

Applications

- Systems using gear, vane, radial and axial piston pumps and those containing gears and bearings where mild anti-wear characteristics are required
- Where hydraulic oil contamination or leakage is unavoidable
- Where small amounts of water are unavoidable

Specifications and Approvals

Nuto H Series meets or exceeds the requirements of:	NUTO H 32	NUTO H 46	NUTO H 68	NUTO H 100	NUTO H 150
DIN 51524-2: 2006-09	X	X	X	X	
ISO L-HM (ISO 11158:1997)	X	X	X	X	X

Nuto H Series has the following builder approvals:	NUTO H 32	NUTO H 46	NUTO H 68	NUTO H 100	NUTO H 150
DENISON HF-0	X	X	X		

Typical Properties

	NUTO H 32	NUTO H 46	NUTO H 68	NUTO H 100	NUTO H 150
Viscosity, ASTM D445					
cSt @ 100°C	5.4	6.7	8.5	11.1	14.6
cSt @ 40°C	32.0	46.0	68.0	100.0	150.0
Viscosity Index, ASTM D2270	104	104	107	95	95
Density 15°C, ASTM D4052	0.872	0.876	0.882	0.884	0.887
Pour Point, °C, ASTM D97	-24	-24	-18	-18	-18
Flash Point, COC, °C, ASTM D92	212	226	234	242	258
Demulsibility @ 54°C, ASTM D1401	15	15	20		
Demulsibility @ 82°C, ASTM D1401				10	5
Copper strip corrosion, 3 hrs @ 100°C, ASTM D130	1A	1A	1A	1A	1A

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

11-2017

Exxon Mobil Corporation

22777 Springwoods Village Parkway
Spring TX 77389

1-800-ASK MOBIL (275-6624)

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All

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Mobilube HD Plus 80W-90, 85W-140

Mobil Commercial Vehicle Lube, United States

Extra High Performance Commercial Gear Lubricants

Product Description

Mobilube HD Plus 80W-90 and 85W-140 are extra high performance commercial gear lubricants formulated from select base oils and an advanced additive system. These lubricants are engineered for performance in heavy-duty commercial transmissions, axles, and final drives where extreme pressures and shock loading are expected. They provide excellent chemical and thermal stability at elevated bulk oil temperatures, good performance at low temperatures, and have demonstrated good rust protection resulting from water contamination and wet conditions. They are recommended by ExxonMobil for applications where API GL-5 and MT-1 service is required. Mobilube HD Plus 80W-90 and 85W-140 share common formulations with Esso Gear Oil GX 80W-90 and 85W-140.

Features and Benefits

Today's heavy equipment applications place higher performance demands on drive train lubricants. Higher speeds, higher torque, and heavier loads require improved formulations to maximise equipment life and optimise operating costs. Longer service intervals place additional demands on the gear lubricant. Mobilube HD Plus gear lubricants are engineered to meet these challenges. The key benefits include:

Features	Advantages and Potential Benefits
Excellent thermal stability and resistance to high temperature oxidation	Extended gear and bearing life due to minimal deposits and longer seal life
Good protection against low speed/high torque wear and against high speed scoring	Increased load carrying capability and reduced operating costs
Excellent rust, staining, and corrosion protection	Reduced wear and longer component life
Effective low temperature lubrication	Reduced wear and ease of start-up
Wide multipurpose capability	Reduced number of gear lubricants to simplify inventory and minimize misapplication
Good resistance to foaming	Maintains film strength for effective lubrication
Compatible with typical automotive seals and gaskets	Minimum leakage and reduced contamination

Applications

Recommended by ExxonMobil for use in:

- Heavy-duty manual transmissions, axles, and final drives requiring API GL-5 and MT-1 level performance
- On-highway light and heavy-duty trucks, busses, vans, and cars
- Off-highway industries including: construction, mining, quarrying, and agriculture
- Other heavy-duty industrial and automotive applications involving hypoid and other gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque conditions prevail
- Initial fill, top-off, and refill of enclosed commercial gearing in manual or semiautomatic transmissions where gear lubricants are recommended including drive axles and final drives
- Not recommended for applications requiring API GL-4 Level performance
- Not intended for transmissions for which engine oil or automatic transmission fluids are recommended

Specifications and Approvals

Mobilube HD Plus Gear Oil meets or exceeds the requirements of the following industry specifications:	80W-90	85W-140
API GL-5	X	X
API MT-1	X	X
SAE J2360	X	X
SCANIA STO-1:0	X	X

Mobilube HD Plus Gear Oil has the following builder approvals:	80W-90	85W-140
Mack GO-J	X	X

Mobilube HD Plus Gear Oil is of the following quality level, but not approved:	80W-90	85W-140
MIL-PRF-2105E	X	X

Typical Properties

Mobilube HD Plus		
SAE Grade	80W-90	85W-140
Viscosity, ASTM D 445		
cSt @ 40°C	139	333

Mobilube HD Plus		
cSt @ 100°C	14.5	25.4
Viscosity Index, ASTM D 2270	103	99
Pour Point, °C, ASTM D 97	-27	-18
Flash Point, °C, ASTM D 92	210	230
Density @ 15°C kg/l, ASTM D 4052	0.895	0.903

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Mobilfluid 424

Mobil Commercial Vehicle Lube, United States

Multipurpose Tractor Lubricant

Product Description

Mobilfluid 424 is an extra high performance multipurpose tractor lubricant engineered to meet or exceed transmission and hydraulic fluid requirements. The advanced technology in Mobilfluid 424 is designed to optimise the performance of agricultural and commercial tractors operating in a wide range of environments and conditions. Mobilfluid 424 combines select base oils and an advanced additive package to deliver the varied lubricant performance properties required in severe duty applications of agricultural and construction equipment drive trains. It is particularly well suited for reducing wet brake and Power Take-Off (PTO) chatter.

Features and Benefits

Next generation technology has vastly improved the performance capabilities of heavy-duty equipment in terms of load, speed, control, and reliability through innovative power train designs. These designs have markedly changed and increased the requirements of power train fluids to deliver higher levels of performance and productivity while reducing operating costs. Friction control, wear protection, thermal stability, shear stability, rust and corrosion protection, and pumpability are features that must be optimally balanced to provide extended clutch life, maximum drawbar loading, and maintain operations on uneven terrain over a wide range of ambient temperatures. Mobilfluid 424 delivers exceptional performance in today's power train transmissions, drive axles, clutches, PTOs and hydraulic systems. The key benefits include:

Features	Advantages and Potential Benefits
Enhanced frictional properties	Optimised clutch and PTO performance Improved wet brake and PTO chatter control
Compatible with latest clutch materials and elastomers	Longer clutch life and reduced leakage
High viscosity index and shear stability	Consistent operating response
Excellent protection against rust, corrosion and yellow metal etching	Protects equipment in wet or humid environments and prevents premature wear
Excellent low temperature properties	Responsive operation and effective lubrication in cold weather applications
Strong anti-wear and extreme pressure properties	Reduces wear, extends equipment life, and reduces maintenance costs

Features	Advantages and Potential Benefits
Excellent thermal and oxidation stability	Reduces deposits, extends seal life, and increases service life of equipment and lubricant
Multipurpose capability	Simplifies inventory and reduces misapplication problems
Good filterability	Keeps systems clean and operating smoothly

Applications

Recommended by ExxonMobil for use in

- Heavy-duty transmissions, differentials, final drives, hydraulic systems, power steering systems, wet brakes, PTOs and hydrostatic drives
- Off-highway industries including: agriculture, construction, and quarrying
- Top-up and refill of systems
- Commercial transmission applications requiring Type A (Suffix A), Dexron and Type F fluids. Do not use in passenger car automatic transmissions
- Applications requiring API GL-4 or SAE 80W grade lubricants in all gear applications except hypoid gear designs
- Outstanding replacement for engine oils recommended for hydraulic and transmission systems

Specifications and Approvals

Mobilfluid 424 meets or exceeds the requirements of the following industry and builder specifications:	
Kubota UDT	X
ASTM D6973 (Eaton 35VQ)	X

Mobilfluid 424 has the following builder approvals:	
ZF TE-ML 03E/05F/17E	X
Volvo WB-101	X

Mobilfluid 424 is recommended by ExxonMobil for use in applications requiring:	
Allison C-4 (Agriculture Applications Only)	X
API GL-4	X
Caterpillar TO-2	X
CNH MAT 3505, 3525	X

Mobilfluid 424 is recommended by ExxonMobil for use in applications requiring:	
Denison UTTO/THF	X
Ford New Holland ESN-M2C-134-D	X
Ford New Holland FNHA-2C-201.00	X
JI Case MS 1204-07/09	X
Massey Ferguson M-1135 M-1141	X
New Holland WB NWH 410B	X
Powerfluid 821 XL	X
John Deere J20C	X

Typical Properties

Mobilfluid 424	
Viscosity, ASTM D 445	
cSt @ 40°C	55
cSt @ 100°C	9.3
Brookfield Viscosity, cP (@ -20°C)	4300
Viscosity Index, ASTM D 2270	145
Pour Point, °C, ASTM D 97	-42
Flash Point, °C, ASTM D 92	198
Density @ 15°C, kg/l, ASTM D 4052	0.88

Health and Safety

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Mobil Delvac 1200 Series

Mobil Commercial Vehicle Lube , United States

Heavy Duty Diesel Engine Oils

Product Description

Mobil Delvac 1220, 1230, 1240, and 1250 are heavy duty, diesel engine oils formulated from high performance base oils and a balanced additive system of ashless dispersants, metallic detergents, and inhibitors to control oxidation, wear, corrosion, and rust. They are used in a wide range of applications where a monograde lubricant is recommended including 2-cycle diesel applications (e.g. the Detroit Diesel's Series 53, 71, 92, and 149 twocycle engines).

Features and Benefits

Features	Advantages and Potential Benefits
Excellent oxidation and thermal stability	Keeps engines clean and extends oil life
Good rust and corrosion prevention	Long engine and component life

Applications

- Diesel powered equipment including 2-cycle applications
- On highway light and heavy duty trucking
- Off highway industries including: construction, mining, quarrying, and agriculture
- Mobil Delvac 1230 is suitable for use in lawn mowers. *

* Please refer to owners manual.

Specifications and Approvals

Mobil Delvac 1200 Series are recommended for use in applications requiring:	Mobil Delvac 1220	Mobil Delvac 1230	Mobil Delvac 1240	Mobil Delvac 1250
API CF/SF	X			
API CF-2/CF/SF		X	X	X

Typical Properties

Mobil Delvac 1200 Series				
SAE Grade	20	30	40	50
Viscosity, ASTM D 445				
cSt @ 40°C	66	104.7	157.6	215.5
cSt @ 100°C	8.3	11.9	15.5	19.6
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1) mPa.s, ASTM D4683	2.90	3.7	4.6	
Viscosity Index, ASTM D 2270	111	102	99	99

Mobil Delvac 1200 Series				
Sulfated Ash, wt%, ASTM D 874	0.9	0.82	0.82	0.82
Total Base #, mg KOH/g, ASTM D 2896	7.0	7.0	7.1	7.1
Pour Point, °C, ASTM D 97	-27	-27	-21	-21
Flash Point, °C, ASTM D 92	228	238	247	241
Density @ 15°C kg/l, ASTM D 4052	0.89	0.894	0.899	0.896

Health and Safety

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Mobil ATF D/M

Mobil Passenger Vehicle Lube, United States

Automatic Transmission Fluid

Product Description

Mobil ATF D/M provides excellent oxidation and friction stability, anti-wear properties, and low-temperature fluidity desired for most automatic transmissions.

Features and Potential Benefits

Advantages offered by Mobil ATF D/M over transmission fluids of lower quality are:

- Excellent oxidation stability — helps resist chemical deterioration over long service periods.
- High viscosity index — helps retain adequate lubricating body for severe hot-weather service without thickening excessively at low starting temperatures
- Corrosion prevention — helps provide protection against rusting and corrosion, plus special protection for soldered fittings
- Foaming resistance — contains an effective anti-foaming agent
- Elastomer compatibility — is not harmful to synthetic rubber seal materials.
- Good lubricating characteristics — gives quiet operation, smooth shifting, and excellent wear protection.
- Controlled friction properties — transmission of power is smooth and efficient throughout all normal temperature ranges.

Applications

Mobil ATF D/M is recommended by ExxonMobil for use in applications requiring: GM DEXRON® IIIH, Ford MERCON® and Allison C-4

Note: Mobil ATF D/M is not recommended for other applications, including GM DEXRON® VI, Ford MERCON® V, MERCON LV®, MERCON SP® and Type F ATF

Mobil ATF D/M also can be used as the lubricating oil in several types of rotary air compressors under certain service conditions. Its low-temperature properties and resistance to oxidation are important factors in meeting the requirements of this service. (Please consult the manufacturer service manual for required specifications

before use).

Good maintenance practice dictates that automatic transmissions be checked for proper fluid levels at regular intervals, and that the fluid be drained and replaced at intervals recommended by the manufacturer. Some manufacturers recommend more frequent changes of transmission fluid under severe driving conditions.

Specifications and Approvals

Mobil ATF D/M is recommended by ExxonMobil for use in applications requiring:	
GM Dexron® III H	X
Ford's Mercon®	X
Allison C-4	X

Typical Properties

Mobil ATF D/M	
Viscosity	
cSt @ 40° C	35.3
cSt @ 100° C	7.4
cSt @ -40° C	16,670
Viscosity Index	183
Flash Point, °C(F)	180 (356)
Gravity, API	32
Colour	red

Health and Safety

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Mobil Type F ATF

Mobil Passenger Vehicle Lube, United States

Type F Automatic Transmission Fluid

Product Description

Mobil Type F ATF is an automatic transmission fluid which is made from high quality base oils with viscosity index improvers, antioxidants, anti-wear agents, defoamants and special additives to provide the controlled frictional characteristics of a Type F fluid in automatic transmission applications.

Applications

The frictional characteristics of an automatic transmission fluid are an important factor in the design and operation of the transmission. All Ford transmissions built prior to 1977, and certain models that continued in use during 1977-1980, were designed for a high-friction fluid that allowed the shifting clutches to lock up or engage quickly. Ford specification ESW-M2C33-F covers this type of product, which is commonly referred to as "Type F" fluid.

These vehicles are identified as:

All 1976 and earlier Ford, Lincoln, and Mercury models of cars, vans, and light trucks;

All 1977-1980 models having either ESW-M2C33-F or no number at all stamped on the transmission dipstick

Mobil Type F ATF is recommended by ExxonMobil for use in applications requiring Type F fluid as follows:

- Automatic transmissions in certain older Toyota, Mazda, Volvo, and other imported vehicles that require an ESW-M2C33-F fluid. In addition, this type of ATF is specified for some Ford power steering systems.
- For the makeup and refill in power steering systems of the following Ford vehicles:
 - 1980 and older Lincoln, Continental, and Mark;
 - 1978 and older models of all other Ford cars, vans, and light trucks
- For anti-wear requirements of Sperry Vickers industrial hydraulic systems where low wear in the ASTM D 2882 vane pump test is the principal criterion.

Mobil Type F ATF is not recommended for automatic transmissions in Ford, General Motors, Chrysler, American Motors, or any other cars requiring a Dexron-II, Dexron-IIIE, Dexron-III or Mercon-approved fluid, or for those Ford products requiring an M2C 138CJ (Type CJ) fluid or an M2C 166H (Type H) fluid.

Specifications and Approvals

According to ExxonMobil, MOBIL TYPE F ATF is of the following quality level	ATF Type F
FORD ESW-M2C33-F	X

Typical Properties

Mobil Type F ATF	
Viscosity	
cSt @ 40°C	36.0
cSt @ 100°C	7.2
cP @ -18°C (0°F)	1,600
cP @ -40°C (-40°F)	45,000
Viscosity Index, ASTM D 2270	150
Pour Point, °C, ASTM D 97	-40°C (-40°F)
Flash Point, °C, ASTM D 92	160 (320)
Gravity, API	31.4
Color	Red

Health and Safety

Based on available toxicological information, it has been determined that these products pose no significant health risk when used and handled properly. Information on use and handling, as well as health and safety information, can be found in the Material Safety Data Sheets which can be obtained from your local distributor; via the Internet on <http://www.mobil.com>.

For additional technical information or to identify the nearest U.S. Mobil supply source call 1-800-662-4525.

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Mobiltrans HD Series

Mobil Commercial Vehicle Lube, United States

Extra High Performance Transmission and Drivetrain Lubricants

Product Description

Mobiltrans HD 10W, 30, 50, and 60 are extra high performance, heavy duty transmission and drive-train lubricants engineered to meet or exceed the requirements of the rigorous Caterpillar TO-4 specification. This product line is uniquely designed to optimise the performance of powershift transmissions, gearboxes, and final drives. In hydraulic applications, they provide maximum protection even in high pressure systems

This technology combines selected base oils and an advanced additive system to deliver the precise performance parameters needed to maximise the productivity of construction, quarrying, and mining equipment operating in severe conditions. These products offer a clear performance advantage over the use of mixed fleet engine oils and previously used lubricants meeting Caterpillar TO-2.

Features and Benefits

Today's technology has vastly improved the performance capabilities of heavy duty earth moving equipment in terms of load, speed, control, precision, and reliability through innovative power train designs. These designs have increased the requirements of power-train fluids to deliver higher level of performance, productivity and efficiency. Friction control, wear protection, thermal stability, shear stability, rust and corrosion protection, and pumpability are features that must be optimally balanced to provide extended clutch life, slippage control, maximum drawbar loading, and high load operation even on an inclined slope at extreme temperatures.

Mobiltrans HD 10W, 30, 50, 60 deliver exceptional performance in today's power train transmissions, drive trains, and hydraulic systems. The key benefits include:

Features	Advantages and Potential Benefits
Balanced static and dynamic friction coefficients	Optimised clutch-friction retention and slippage control Significantly improved clutch life compared to the best API CD/TO-2 engine oils
Compatible with modern clutch materials and elastomers	Longer clutch life and higher performance
Increased levels of anti-wear and load carrying capability	Reduced gear wear and extended life in transmissions, gearboxes, and final drives Greater productivity from reduced downtime

Features	Advantages and Potential Benefits
Excellent foam control protection	Top performance in wet brakes; excellent control of brake chatter
Excellent thermal and oxidation stability	Outstanding hydraulic oil stability and protection against high-pressure pump wear
Lower viscosities offer very good low temperature pumpability	Reduced time from start-up to production

Applications

Recommended by ExxonMobil for use in:

- Heavy duty transmissions, gear boxes, final drives, and hydraulic systems used in off-highway applications
- Off-highway industries including: mining, construction, quarrying, and agriculture
- Manual, powershift, and automatic transmissions where Allison C-4 fluids (SAE 10W and 30 grades) are called for including Twin Disc and transmissions calling for Type F fluids
- Most mobile equipment hydraulic applications

Specifications and Approvals

Mobiltrans HD meets or exceeds the requirements of the following industry and builder specifications	10W	30	50	60
Caterpillar TO-4	X	X	X	X

Mobiltrans HD Series have the following builder approvals:	10W	30	50	60
ZF TE-ML-03C	X	X		
ZF-TE-ML 07F		X		

Mobiltrans HD is recommended by ExxonMobil for use in applications requiring:	10W	30	50	60
Allison C-4	X	X		

Typical Properties

Mobiltrans HD				
SAE Grade	10W	30	50	60
Viscosity, ASTM D 445				
cSt @ 40°C	42	100	195	340
cSt @ 100°C	6.3	11.2	18.0	25.2
Viscosity Index, ASTM D 2270	96	97	100	96
Pour Point, °C, ASTM D 97	-33	-18	-15	-12
Flash Point, °C, ASTM D 92	202	224	240	244
Density @ 15°C kg/l, ASTM D 4052	0.888	0.893	0.906	0.911

Health and Safety

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Mobil Special™

Mobil Passenger Vehicle Lube, United States

Quality Motor Oil

Product Description

Mobil Special™ Oils are formulated from high quality base stocks combined with modern performance additives to give your engine the protection and the performance you expect under a wide variety of operating conditions.

Mobil Special Oils are available in five multi-viscosity grades: SAE 5W-20, 5W-30*, 10W-30*, 10W-40, 20W-50.

Mobil Special 5W-20, 5W-30* and 10W-30* meet the warranty requirements where an American Petroleum Institute (API) certified oil is specified. These viscosity grades are also classified by API as "Resource Conserving" engine lubricants, and meet or exceed the latest industry specification ILSAC GF-5 / API SN. Those claims are backward compatible with earlier performance levels such as API SM, SL, and SJ and previous ILSAC categories.

Features and Benefits

- Excellent engine cleanliness
- Engine protection under a wide variety of operating conditions
- API SN / Resource Conserving for Mobil Special 5W-20, 5W-30* and 10W-30*
- Helps reduce engine wear and corrosion
- Meets or exceeds the latest industry specification (ILSAC GF-5 / API SN: Mobil Special 5W-20, 5W-30*, 10W-30*)
- Easy cold starting
- Guaranteed protection with the Mobil Special Limited Warranty**

Applications

Mobil Special 5W-20, 5W-30* and 10W-30* are recommended for gasoline fueled automobiles and light duty trucks requiring an API SN, SM, SL or SJ. They also meet ILSAC GF-5 (Starburst Certification Symbol).

Mobil Special 10W-40 and 20W-50 are recommended for gasoline fueled automobiles and light duty trucks where a higher viscosity API SN, SM, SL, SJ oil is preferred or recommended. Mobil Special 20W-50 has a

higher viscosity reserve which provides engines with full protection under higher operating speeds, temperatures, and other adverse conditions.

Before using a Mobil Special motor oils, consult the owner's manual of the vehicle for the manufacturer's recommended viscosity grade and API Service Classification.

Specifications and Approvals

Mobil Special meets or exceeds the requirements of :	5W-20	5W-30*	10W-30*	10W-40	20W-50
API SN	X	X	X	X	X
API SM	X	X	X	X	X
API SL	X	X	X	X	X
API SJ	X	X	X	X	X
API SN Resource Conserving	X	X	X		
ILSAC GF-5	X	X	X		
Ford WSS-M2C945-A	X				
Ford WSS-M2C946-A		X			
Chrysler MS-6395	X	X	X		

Mobil Special is recommended by ExxonMobil for use in applications requiring:	5W-20	5W-30*	10W-30*	10W-40	20W-50
Ford WSS-M2C930-A	X				
Ford WSS-M2C929-A		X			
GM 6094M	X		X		

Typical Properties

Mobil Special	5W-20	5W-30*	10W-30*	10W-40	20W-50
API Service Classification	SN	SN	SN	SN	SN
Gravity, API	33.1	33.0	31.3	31.3	29.3
Specific Gravity	0.8596	0.8600	0.8692	0.870	0.88
Pour Point, °C (°F)	-36(-33)	-36(-33)	-33(-27)	-33(-27)	-33(-27)
Flash Point, °C (°F), ASTM D 92	224(435)	220(428)	220(428)	224(435)	230(446)
Viscosity					

Mobil Special	5W-20	5W-30*	10W-30*	10W-40	20W-50
cSt at 40°C	49.2	60.42	69.4	107	154
cSt at 100°C	8.6	10.2	10.6	15.4	19.0
CCS, cP	5800@-30 °C	6100@-30 °C	6430@-25 °C	6400@-20°C	4290@-15°C
MRV, cP	26,400@-35 °C	29,330@-35 °C	19,892@-30 °C	25,000@-25°C	16,000@-20°C
Viscosity Index	153	157	141	152	140
Resource Conserving	YES	YES	YES	NO	NO

*In order to meet corporate global product naming conventions, the product names for the SAE viscosities 5W-30 and 10W-30 only, will carry the X1 descriptor in the labels, MSDS and ExxonMobil systems: (e.g.: Mobil Special X1 5W-30 and Mobil Special X1 10W-30). For the rest of the viscosity grades, the product name will remain Mobil Special (e.g.: Mobil Special 5W-20, Mobil Special 10W-40, Mobil Special 20W-50).

**Some limitations apply. For more specific details see the Mobil Special Limited Warranty available at www.mobil.com/gurantee.

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Mobilgrease XHP™ 220 Series

Mobil Grease, United States

Product Description

Mobilgrease XHP™ 220 greases are extended service lithium complex greases intended for a wide variety of applications and severe operating conditions. These greases were designed to outperform conventional products by applying cutting edge, proprietary, lithium complex manufacturing technology. They are formulated to provide excellent high temperature performance with superb adhesion, structural stability and resistance to water contamination. These greases have a high level of chemical stability and offer excellent protection against rust and corrosion. These greases feature high dropping points and maximum recommended operating temperature of 140° C (284°F). Mobilgrease XHP 220 greases are available in NLGI grades 00, 0, 1, 2 and 3 with an ISO VG 220 base oil viscosity.

Mobilgrease XHP 220 greases are designed for a wide range of applications including the industrial, automotive, construction and marine sectors. Their performance features make them ideal choices for operating conditions including high temperature, water contamination, shock loading and extended re-lubrication operations. Mobilgrease XHP 222 Special is an extreme pressure grease fortified with 0.75% molybdenum disulfide that provides protection from wear under conditions pivoting and other conditions that lead to loss of oil film.

Features and Benefits

Mobilgrease XHP 220 greases are leading members of the Mobilgrease brand of products, which have gained a reputation for innovation and performance excellence. Mobilgrease XHP 220 greases are high performance products designed by our formulation technologists and backed by our world-wide technical support staff.

A key factor in the excellent adhesion and cohesion properties and high drop point of Mobilgrease XHP 220 greases is the proprietary manufacturing technology developed at our research facilities and adopted by our modern manufacturing facilities. These products use specially selected additives to provide excellent oxidation stability, rust and corrosion control, resistance to water contamination as well as anti-wear and EP protection. Mobilgrease XHP 220 Series products offer the following features and potential benefits:

Features	Advantages and Potential Benefits
Superb resistance to water washout and spray-off	Helps assure proper lubrication and protection even in the most severe water exposure conditions
Highly adhesive and cohesive structure	Excellent grease tenacity, helps reduce leakage and extend re-lubrication intervals for reduced maintenance requirements
Excellent rust and corrosion resistance	Protection of lubricated parts even in hostile aqueous environments

Features	Advantages and Potential Benefits
Very good resistance to thermal, oxidative and structural degradation at high temperature	Helps extend grease life and enhance bearing protection in high temperature applications helping to reduce maintenance and replacement costs
Very good anti-wear and EP performance	Reliable protection of lubricated equipment, even under conditions of high sliding with potential for extended equipment life and reduced unanticipated downtime
Broad multi-purpose application	Provides potential for inventory rationalization and reduced inventory costs

Applications

Mobilgrease XHP 220 greases are used in a wide range of equipment including industrial, automotive, construction and marine applications. Their blue color enables easy verification of application:

Mobilgrease XHP 005 and 220 are softer, high-temperature greases recommended by ExxonMobil for centralized grease application systems, gear lubrication, and where extreme-cold-temperature pumpability is important.

Mobilgrease XHP 221 is recommended by ExxonMobil for use in industrial and marine applications, chassis components and farm equipment. It provides excellent low temperature performance.

Mobilgrease XHP 222 is recommended by ExxonMobil for industrial and marine applications, chassis components and farm equipment. Its sticky formulation stays in applications longer.

Mobilgrease XHP 223 is recommended by ExxonMobil for applications where good high temperature and anti-leakage properties are required. It is particularly recommended for severe truck wheel bearing applications or for rolling element bearings subject to vibration, or where higher speeds require a grease with higher consistency to provide channeling characteristics.

Mobilgrease XHP 222 Special contains 0.75% molybdenum disulfide, is grey in color and is recommended by ExxonMobil for moderate duty service in industrial applications, chassis components and farm equipment. It also finds application in king pins, U-joints, fifth wheels and bucket pins.

Specifications and Approvals

Mobilgrease XHP 220 Series meets or exceeds the requirements of	005	220	221	222	223	222 Special
DIN 51825: (2004-06)			KP1N-20	KP2N-20		

Mobilgrease XHP 220 Series has the following builder approvals:	005	220	221	222	223	222 Special
Fives Cincinnati		P-79	P-72	P-64		

Typical Properties

Mobilgrease XHP	005	220	221	222	223	222 Special
NLGI Grade	00	0	1	2	3	2
Thickener Type	Li-Complex	Li-Complex	Li-Complex	Li-Complex	Li-Complex	Li-Complex
Color, Visual	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Grey-Black
Molybdenum DiSulfide, wt%	--	--	--	--	--	0.75%
Penetration, Worked, 25° C, ASTM D 217	415	370	325	280	235	280
Dropping Point, °C, ASTM D 2265	--	270	280	280	280	280
Viscosity of Oil, ASTM D 445						
cSt @ 40° C	220	220	220	220	220	220
4-Ball Wear Test, ASTM D 2266, scar, mm	0.50	0.50	0.5	0.5	0.5	0.5
4-Ball Weld Load, ASTM D 2596, kg	315	315	315	315	315	315
Timken OK Load, ASTM D 2509, lb	40	40	40	40	40	40
Bomb Oxidation, ASTM D 942, Pressure drop at 100 hrs, kPa (psig)	35 (5)	35 (5)	35 (5)	35 (5)	35 (5)	35 (5)
Corrosion Prevention, ASTM D 1743	Pass	Pass	Pass	Pass	Pass	Pass
Rust Protection, IP 220-mod., Distilled Water Washout	0,0	0,0	0,0	0,0	0,0	0,0
Copper Strip Corrosion, ASTM D 4048	1B	1B	1B	1B	1B	1B
Penetration Consistency Change, Roll Stability, ASTM D 1831, mm/10	--	-15	-15	0	0	0

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are

followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Mobil Delvac HDEO Series

Mobil Commercial Vehicle Lube , United States

Product Description

Mobil Delvac™ HDEO 15W-40 and 10W-30 are oils designed to meet warranty requirements for high-speed, four-stroke heavy duty diesel engines. These products are formulated to maintain the durability of emission control systems, including diesel particulate filters and other advanced aftertreatment systems.

Mobil Delvac HDEO meets or exceeds the requirements of API service classifications CK-4, CJ-4, CI-4 PLUS, CI-4 and CH-4. These products are also approved by major original equipment manufacturers (OEM).

Applications

- Recommended for heavy duty diesel applications including low emission engine designs and those featuring EGR.
- Recommended for heavy duty diesel applications using older and naturally aspirated conventional designs

Specifications and Approvals

This product has the following approvals:	MOBIL DELVAC HDEO 10W-30	MOBIL DELVAC HDEO 15W-40
Detroit Fluids Specification 93K218	X	X
Detroit Detroit Fluids Specification 93K222	X	X
Ford WSS-M2C171-F1	X	X
Mack EO-O Premium Plus	X	X
MACK EOS-4.5	X	X
MTU Oil Category 2.1		X
RENAULT VI RLD-3	X	X
VOLVO VDS-4	X	X
VOLVO VDS-4.5	X	X
API CH-4	X	
API CI-4	X	

This product meets or exceeds the requirements of:	MOBIL DELVAC HDEO 10W-30	MOBIL DELVAC HDEO 15W-40
API CH-4		X
API CI-4		X
API CI-4 PLUS	X	X

This product meets or exceeds the requirements of:	MOBIL DELVAC HDEO 10W-30	MOBIL DELVAC HDEO 15W-40
API CJ-4	X	X
API CK-4	X	X
CATERPILLAR ECF-3	X	X
Cummins CES 20081	X	X
Cummins CES 20086	X	X

Properties and Specifications

Property	MOBIL DELVAC HDEO 10W-30	MOBIL DELVAC HDEO 15W-40
Grade	SAE 10W-30	SAE 15W-40
Ash, Sulfated, mass%, ASTM D874	1	1
Cold-Cranking Simulator, Apparent Viscosity @ -20 C, mPa.s, ASTM D5293		5900
Cold-Cranking Simulator, Apparent Viscosity @ -25 C, mPa.s, ASTM D5293	6550	
Flash Point, Cleveland Open Cup, °C, ASTM D92	225	225
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.6	4
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	140	14.2
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	81.3	112
Mini-Rotary Viscometer, Yield Stress, -25 C, Pa, ASTM D4684		20000
Mini-Rotary Viscometer, Yield Stress, -30 C, Pa, ASTM D4684	22600	
Pour Point, °C, ASTM D97	-36	-27
Specific Gravity, 15.6 C/15.6 C, ASTM D4052	0.867	0.874
Total Base Number, mgKOH/g, ASTM D2896	10	10
Viscosity Index, ASTM D2270	140	132

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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