

DATE: 10/07/2021

INVITATION TO BID  
THIS IS NOT AN ORDER

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BID NO.: 50-00136115

## JEFFERSON PARISH

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

VENDOR:

BUYER: MBUTTERY

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order 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 at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

### DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

4 DAYS ARO

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

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 by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: \_\_\_\_\_

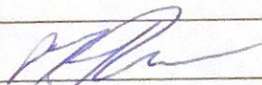
NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

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

### \*\*\* ALL BIDDERS MUST COMPLETE SECTION BELOW \*\*\*

FIRM NAME:	SPAHR ENTERPRISES INC		
SIGNATURE:		TITLE:	PRESIDENT
(Must be signed here)			
PRINT OR TYPE NAME:	DAVID SPAHR		
ADDRESS:	2309 WASHINGTON AVE		
CITY, STATE:	HARVEY LA	ZIP:	70058
TELEPHONE:	( 504 ) 368-5823	FAX:	( 504 ) 368-7500
EMAIL ADDRESS:	spahr1@cox.net		

TOTAL PRICE OF ALL BID ITEMS: \$ 1746.00



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## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00136115

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	600.00	EA	<p>One Time Purchase of Lithium Grease for the Public Works Eastbank Warehouse</p> <p>0001 - Grease, lithium complex, multi- purpose, 14 ounce cartridge, extreme pressure, high temperature, base oil viscosity 220 at 40 degrees C and 18.3 at 100 degrees C, Albida EP no. 2, Shell no. S3 V220C 2 Mag1#00723 (0017010)</p> <p>Please have items shipped to:</p> <p>Eastbank Warehouse 4901 Jefferson Hwy Suite C Jefferson, LA 70121</p> <p>NOTE: BIDDING CAM2 HI TEMP LITHIUM COMPLEX GREASE #2 PLEASE SEE COMPARABLE SHEETS ENCLOSED</p>	\$2.91	\$1746.00



# CAM2

## PRODUCT BULLETIN

### Hi-Temp Red Lithium Complex Grease

PRODUCT #227

**CAM2 Hi-Temp Red Grease** is an 12-HSA extended service, premium, lithium complex, extreme pressure (EP) grease that provides superior protection to lubricate a wide variety of automotive, agricultural, trucking, mining, construction, and industrial equipment. Combines excellent multipurpose properties with a high dropping point to offer protection across a wide temperature range. Lithium complex greases are extremely versatile performers that are highly recommended for disc brake wheel and conveyor bearings providing outstanding shock load protection.

**CAM2 Hi-Temp Red Grease** was 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. Their performance features make them ideal choices for operating conditions including high temperature, water contamination, shock loading and extended re-lubrication operations.

**CAM2 Hi-Temp Red Grease** is compatible with most grease thickeners making it an excellent multi-use grease effectively reducing inventory. Lithium complex greases are found to be compatible with a broader range of thickeners than other grease thickeners.

#### SPECIFICATIONS

Soap type: Lithium Complex

Color: Red

Texture: Smooth, buttery

#### FEATURES

- **Water Resistant** - helps assure proper lubrication and protection even in the most severe water exposure conditions
- **Corrosion Protection** - protection of lubricated parts even in hostile aqueous environments
- **Oxidation Stability** - helps extend grease life and enhance bearing protection in high temperature applications helping to reduce maintenance and replacement costs
- **Economical** - premium performance in a low cost formula
- **Highly Adhesive** - excellent grease tenacity, helps reduce leakage and extend re-lubrication intervals for reduced maintenance requirements
- **Wear Protection** - reliable protection of lubricated equipment, even under conditions of high sliding with potential for extended equipment life and reduced unanticipated downtime
- **Resists Separation** - operation over wide temperature range allows for reduced inventory

Table 1. Grease Compatibility

	Aluminum Complex	Barium	Calcium	Calcium 12-Hydroxy	Calcium Complex	Clay	Lithium	Lithium 12-Hydroxy	Lithium Complex	Polyurea	Sodium	Calcium Sulfonate
Aluminum Complex	-	■	■	■	■	■	■	■	■	■	■	■
Barium	■	-	■	■	■	■	■	■	■	■	■	■
Calcium	■	■	-	■	■	■	■	■	■	■	■	N/A
Calcium 12-Hydroxy	■	■	■	-	■	■	■	■	■	■	■	■
Calcium Complex	■	■	■	■	-	■	■	■	■	■	■	■
Clay	■	■	■	■	■	-	■	■	■	■	■	■
Lithium	■	■	■	■	■	■	-	■	■	■	■	■
Lithium 12-Hydroxy	■	■	■	■	■	■	■	-	■	■	■	■
Lithium Complex	■	■	■	■	■	■	■	■	-	■	■	■
Polyurea	■	■	■	■	■	■	■	■	■	-	■	■
Sodium (Soda Base)	■	■	■	■	■	■	■	■	■	■	-	■
Calcium Sulfonate	■	■	N/A	N/A	■	■	■	■	■	■	■	-

■ Baseline Compatibility ■ Compatible ■ Incompatible ■ N/A - Not Available



\*TECHNICAL DATA ON PAGE 2



# TECHNICAL DATA

## CAM2 HI-TEMP RED NLGI #2

Properties	Test Method ASTM D-	Data
All Applications		
Appearance	Visual	Red
Consistency	Visual	Smooth, adhesive
Soap type		Lithium complex
NLGI Grade		2
NLGI Classification		Gc-1b
Worked Penetration	217	265-295
Drop Point (°C/°F)	2265	>260(500)
Oil Separation	1742	1.2
Base Oil Viscosity cSt @ 40 °C cSt @ 100 °C	445	220 15.74
Viscosity Index	2270	>90
Automotive Applications		
Water Washout @ 175 °F	1264	4.1
Leakage Tendencies, g loss	4290	1.4
High Temp Life hours	3527	100
Fretting Protection mg	4170	7.8
Elastomer change at 100 °C Volume change % Hardness change %	4289	24 -9
4 Ball Wear Scar diam., mm	2266	0.54
4 Ball load Wear index kgf	2596	50
4 Ball EP Weld kgf	2596	315
Rust Test	1743	Pass
Low Temperature Torque n-m	4693	13.0
Industrial Applications		
Timken OK load lbs	2509	45
Cu Corrosion	4048	Pass
Oxidation, psi drop @ 100 hrs	942	10 max



# Shell Albida Grease EP2

*High performance extreme-pressure multipurpose grease*



THICKENER	NLGI	TEMP RANGE	BASE OIL VISCOSITY		EP	WATER RESISTANCE
LITHIUM COMPLEX	2	-20°C to +150°C	40°C 220 cSt	100°C 19.0 cSt	✓	☆☆☆

Shell Albida Grease EP2 is a high performance multi-purpose grease for industrial applications.

It is based on high viscosity index mineral oil and a lithium complex soap thickener. It contains the latest additives to offer excellent high temperature oxidation performance and other additives to enhance its anti-oxidation, anti-wear and anti-corrosion properties.

Shell Albida Grease EP2 is especially suitable for heavy-duty bearings operating at high temperature and under severe load.

## Applications

Shell Albida Grease EP2 is used for the grease lubrication of heavy-duty bearings used in machinery found in the following industries:

- Continuous casting
- Vibrating sieves
- Quarries
- Breakers
- Roller conveyors
- Approved by bearing manufacturers where an extreme pressure grease is required
- Rolling element bearing life extended under conditions of vibration and water wash
- May be used in Timken taper rolling bearings; Timken OK load value 50lb.
- Suitable for use in continuous casters
- Lower feed rates reduce environmental impact

## Product Advantages

## Typical Physical Characteristics

Shell Albida Grease	EP2
NLGI Consistency	2
Colour	Light Brown



<b>Soap Type</b>	Lithium complex
<b>Base Oil (type)</b>	Mineral
<b>Kinematic Viscosity</b> @ 40°C cSt 100°C cSt (IP 71/ASTM-D445)	220 19.0
<b>Cone Penetration</b> Worked @ 25°C 0.1mm (IP 50/ASTM-D217)	265/295
<b>Dropping Point</b> °C (IP 132)	260
<b>Pumpability</b> Long distance	Fair

These physical characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur

standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

#### Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

#### Re-greasing Intervals

For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed

#### Health & Safety

Shell Albida Grease EP2 is unlikely to present any significant health or safety

hazard when properly used in the recommended application, and good