

Extreme Pressure, Lithium Complex Multipurpose Lubricant



Features

- Dropping point well above 500°F
- Excellent shear stability
- Excellent water resistance
- Timken OK Load of 60 pounds
- NLGI Grade 2
- Food Processing
- Can be used in temperature as low as -40°F
- Extremely stable under high or low temperature conditions
- Will protect steel and copper alloy bearings against rust and corrosion

Description

LITHO-LUBE is a lithium complex based grease formulated with the most up-to-date additive system. It resists thinning or hardening in service, which minimizes leakage and prolongs the service life of the grease by reducing the grease consumption and extending relubrication cycles. LITHO-LUBE gives longer bearing life and reduces the need to stock several greases, thus preventing misapplication. Colored royal blue. LITHO-LUBE will provide a Timken OK Load of 60 pounds for extreme pressure applications. Oxidation and corrosion additives minimize chemical deterioration over extended periods of service, and protect steel and copper alloy bearings against rust and corrosion. This product is appropriate for use as a lubricant with no food contact in official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs. This compound may be used on equipment where there is no possible contact between edible products and lubricants or lubricated parts.

Applications

- Ball & roller bearings
- Power plants
- Pumps
- Disc brake wheel bearings
- Bucket pins
- King pins
- Wheel bearings
- High speed bearings
- Shakers
- Gear motors
- Exhaust fan bearings
- Electrical motor bearings

Directions

Pump in grease until all old grease comes out.

Thickener Percent: 9-11
Penetration, ASTM D-217: 265-295
Dropping Point, Minimum: 500°F+
Timken OK Load: 60 pounds
Four ball EP, ASTM D-2596: Weld Point: 500 kg, Load Wear Index: 56.2
Water Washout, % @175°F ASTM D-1263: 3% Max
Wheel bearing Leakage, GM ASTM D-1263: 2.0 Max
Rust Tests, ASTM D-1743: Pass 1,1,1
Copper Strip Corrosion @210°F ASTM D-1402: 1A

Water Resistance: Excellent

Base oil Specifications:

Viscosity@100°F, SUS: 780
 Viscosity@210°F, SUS: 75
 Viscosity Index: 108

Low Temp Torque Test, ASTM-4693:
 -40°F

Product Characteristics

Appearance	Blue gel
Odor	Oil
Flash Point	>400°F COC
Specific Gravity (H ₂ O=1)	0.8
Water Reactive	No
Solubility in water	Negligible
Evaporation Rate (=1)	N/A
Boiling Point	N/A
Vapor Density (Air=1)	12
Vapor Pressure (PSIG@70°F)(Aerosols)	N/A
Vapor Pressure (non-aerosols)(mmHg & Temp)	<0.01
Storage	Avoid prolonged exposure to mist and vapors. Avoid flames, sparks, and hot surfaces. Keep containers closed.
Transportation information	
Class #	65
NFMC	155250

Product Information Sheet

Health	1
Flammability	1
Reactivity	0
Personal Protection	B