

ChevronTexaco NLGI 2 Moly Grease EP

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

Features Chevron Moly Greases EP are general purpose, extreme pressure (EP) greases. They are manufactured using highly refined selected base oils, a lithium-12-hydroxystearate thickener, 3% molybdenum disulfide (moly), EP additive, rust and oxidation inhibitors. They are dark gray/black in color and smooth and buttery in texture. These products satisfy the demand for high quality moly-type greases with extreme pressure capability in both automotive and industrial applications. Chevron Moly Greases EP provide excellent performance under extreme pressure, boundary lubrication conditions because of their EP additive and moly content. With a Timken OK Load (ASTM D 2509) of 50 lbs and moly to maintain a low coefficient of friction along sliding surfaces, even under loads exceeding the yield strengths of metals, Chevron Moly Greases EP provide both shock and heavy load protection. Moly provides a lubricity safety factor (staying power) in situations where the grease is depleted and only molybdenum disulfide remains to provide lubrication until more grease is applied. Chevron Moly Greases EP provide longer-lasting lubrication than conventional greases. Hence, lubrication frequencies can be extended and down time reduced. They are ideal in situations where lubrication is infrequent. The "moly" provides a reserve protection should the lubricant be squeezed from the bearing surface. They have good storage stability, are pumpable at low temperatures, and provide water resistance and rust protection. Applications Chevron Moly Greases EP are recommended for use in automotive and industrial equipment where a moly type grease is called for. Typical applications in automotive equipment are: chassis, bearings, universal joints, fifth wheels, and ball joints in construction equipment such as bulldozers, scrapers, loaders, shovels, etc. Chevron Moly Greases EP are recommended for use in roller chains, trunions, gears, cables, sheaves, slides, and chassis bearings. In industrial applications, these greases are recommended for the lubrication of conveyor bearings, sliding and rubbing surfaces, kiln car bearings, etc. They are particularly suited for heavily loaded pivot pins, splined shafts, or other surfaces subjected to sliding, vibration, or oscillation where fretting is encountered. Chevron Moly Greases EP meet Caterpillar recommendations for greases containing 3% molybdenum disulfide.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-NLGI-2-Moly-Grease-EP.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	53	53	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	1074 SUS	1074 SUS	
Saybolt Viscosity at 210°F	77 SUS	77 SUS	
Kinematic Viscosity at 40°C (104°F)	200 cSt	200 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	14.2 cSt	14.2 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	315 kg	695 lb (mass)	Weld Point
Penetration	280	280	Worked
Penetration P(0), 1/10 mm	275	275	

Mechanical Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	127 °C	261 °F	
Minimum Service Temperature, Air	-15.0 °C	5.00 °F	
Pour Point	-18.0 °C	-0.400 °F	ASTM D97
Flash Point	249 °C	480 °F	ASTM D92
Dropping Point	191 °C	376 °F	

Descriptive Properties	Value	Comments
Color	Dark Gray/Black	
Lincoln Ventmeter, psig at 30 s, at 0°F	583	
Lincoln Ventmeter, psig at 30 s, at -22°F	1367	
Lincoln Ventmeter, psig at 30 s, at 75°F	400	
Texture	Smooth, Buttery	
Thickener, % / type	6.4 / Lithium	

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