

ChevronTexaco Ulti-Plex® Synthetic Grease EP

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

FeaturesChevron Ulti-Plex Synthetic Grease EP is a multipurpose, high performance grease specially formulated for extreme pressure bearing applications operating under the most extreme high and low temperature conditions and for those difficult applications requiring extended lubrication intervals. It is manufactured using selected highly refined high viscosity synthetic base oils, a lithium complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. It is light tan in color and smooth and buttery in texture. Chevron Ulti-Plex Synthetic Grease EP provides an alternative for high temperature applications. The uniform molecular structure of the synthetic base oils minimizes friction between moving parts and boosts lubrication performance over a wide temperature range. The high viscosity index of the synthetic base oils allow for greater pumpability at subzero (-29°C/-20°F) temperatures, allowing bearings lubricated with Chevron Ulti-Plex Synthetic Grease EP to operate at temperatures as low as -51°C (-60°F). Applications Chevron Ulti-Plex Synthetic Grease EP is recommended for use in applications with temperatures up to 232°C (450°F), with a dropping point of approximately 288°C (550°F). Chevron Ulti-Plex Synthetic Grease EP is ideal for a wide variety of applications across several industries, including: Paper and Forest Products – This lubricant is superior for severe service applications such as: sludge press bearings, lime kilns, pumps, woodyard heavy equipment, Doctor oscillator bearings, felt roll bearings, pulp refiner bearings, rope sheaves, and exhaust fan bearings. Chevron Ulti-Plex Synthetic Grease EP is particularly well-suited for the highest temperature applications, such as felt roll bearings and lime kilns operating at temperatures in excess of 204°C (400°F). Mining – Chevron Ulti-Plex Synthetic Grease EP is particularly recommended for mining operations that involve extreme pressure applications requiring excellent low temperature pumpability. Applications include: pins and bushings on buckets and loaders, shaker screens, crushers, and conveyors the lowest temperature mining applications automatic lubricating systems in onboard shovels, trucks, and other mobile equipment Off-Road Construction – This grease is ideally suited for lubrication systems that involve pumping grease through long supply lines at low temperatures. It also displays superior water washout resistance properties in wet, off-road environments. Steel – Steel mill applications often involve extremely high temperatures. The excellent structural stability of Chevron Ulti-Plex Synthetic Grease EP makes it appropriate in these situations. Its extreme pressure properties and superior resistance to water washout are also key in the steel mill environment. This grease provides outstanding protection for steel mill roll bearings, conveyors, furnace and coiler grease points, pump bearings, and exhaust fan bearings. Marine – The rust and corrosion inhibition properties of Chevron Ulti-Plex Synthetic Grease EP make it ideal for use in marine equipment exposed to severe corrosion environments. Examples include deck equipment, offshore drilling equipment, grease lubricated shaft bearings, cranes, and windlass winches. Chevron Ulti-Plex Synthetic Grease EP is approved for NLGI Certification Mark LB. Chevron Ulti-Plex Synthetic Grease EP is registered with NSF and is acceptable as a lubricant where there is no possibility of food

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Ulti-Plex-Synthetic-Grease-EP.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	148	148	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	1791 SUS	1791 SUS	
Saybolt Viscosity at 210°F	172 SUS	172 SUS	
Kinematic Viscosity at 40°C (104°F)	344 cSt	344 cSt	ASTM D445

Kinematic Viscosity at 100°C (212°F) Physical Properties	35.5 cSt Metric	35.5 cSt English	ASTM D445 Comments
---	--------------------	---------------------	-----------------------

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	500 kg	1100 lb (mass)	Weld Point
Four Ball Wear	0.260 mm	0.0102 in	
Penetration	315	315	Worked
Penetration P(0), 1/10 mm	295	295	
Timken Test	22700 g	50.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	235 °C	455 °F	
Minimum Service Temperature, Air	-51.0 °C	-59.8 °F	
Flash Point	280 °C	536 °F	ASTM D92
Dropping Point	312 °C	594 °F	

Descriptive Properties	Value	Comments
Bearing Water Washout wt% Loss at 175°F	5 wt% loss at 175°F	
Color	Light Tan	
Corrosion, Copper Strip Test 3h	1B	
Lincoln Ventmeter, psig at 30 s, at 0°F	517	
Lincoln Ventmeter, psig at 30 s, at -22°F	725	
Lincoln Ventmeter, psig at 30 s, at 75°F	38	
Texture	Smooth, Buttery	
Thickener, % / type	13 / Lithium Complex	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China