

ChevronTexaco Ulti-Plex® HV Synthetic Grease EP

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

FeaturesChevron Ulti-Plex HV 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 a selected highly refined high viscosity synthetic base oil, 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 HV Synthetic Grease EP provides an alternative for high temperature applications. The uniform molecular structure of the synthetic base oil minimizes friction between moving parts and boosts lubrication performance over a wide temperature range.The high viscosity index of the synthetic base oil allows for pumpability to -18°C(0°F) temperatures, allowing bearings lubricated with Chevron Ulti-Plex HV Synthetic Grease EP to operate at temperatures as low as -40°C (-40°F).ApplicationsChevron Ulti-Plex HV Synthetic Grease EP is recommended for use in applications with operating temperatures up to 232°C (450°F) with a dropping point of approximately 280°C (536°F).Chevron Ulti-Plex HV Synthetic GreaseEP is ideal for a wide variety of applications across several industries, including:Paper and Forest Products – Chevron Ulti-Plex HV Synthetic Grease EP is designed for heavily loaded, low speed bearings which may be found in sludge presses and washers.Mining/Mineral Processing – Chevron Ulti-Plex HV 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 conveyorsthe lowest temperature mining applicationsautomatic lubricating systems in onboard shovels, trucks, and other mobile equipmentkiln and cooling bed bearingsOff-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 – The excellent structural stability of Chevron Ulti-Plex HV Synthetic Grease EP makes it an appropriate choice in extreme high temperature applications encountered in steel mills. Its extreme pressure properties and superior resistance to water washout are also key benefits in the steel mill environment. This grease provides outstanding protection for:steel mill melt shop applications - furnace and casterroll mill applications - roll and coiler bearings, cooling bed, reheat furnace, pump bearingsMarine – The rust and corrosion inhibition properties of Chevron Ulti-Plex HV 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 HV Synthetic Grease EP is approved for NLGI Certification Mark LB.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Viscosity Measurement	164	164	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	4080 SUS	4080 SUS	
Saybolt Viscosity at 210°F	338 SUS	338 SUS	
Kinematic Viscosity at 40°C (104°F)	780 cSt	780 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	70 cSt	70 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	500 kg	1100 lb (mass)	Weld Point
Four Ball Wear	0.500 mm	0.0197 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	232 °C	450 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	
Flash Point	190 °C	374 °F	ASTM D92
Dropping Point	280 °C	536 °F	

Descriptive Properties	Value	Comments
Bearing Water Washout wt% Loss at 175°F	7 wt% loss at 175°F	
Color	Light Tan	
Corrosion, Copper Strip Test 3h	1b	
Lincoln Ventmeter, psig at 30 s, at 0°F	960	
Lincoln Ventmeter, psig at 30 s, at 30°F	550	
Lincoln Ventmeter, psig at 30 s, at 75°F	300	
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