

ChevronTexaco Sil-X® SF Grease

Category : Fluid , Lubricant , Silica Gellant

Material Notes:

Features Chevron Sil-X Grease is a silica thickened grease. It is manufactured using high viscosity, high viscosity index base oils and contain effective rust and oxidation inhibitors. It is transparent red in color, and has a smooth consistency with distinct stringiness. Chevron Sil-X Grease provides outstanding lubrication in industrial applications where extremely high temperatures are encountered. The dropping points of Chevron Sil-X Grease exceeds 260°C (500°F). Chevron Sil-X Grease has a very high film strength and performs well under shock load conditions. It minimizes wear and prevents scuffing. Its high viscosity oil and high viscosity additive characteristics enable this lubricant to seal bearings and resist leakage and washout. Under high temperature operating conditions, the "no melt" silica keeps the lubricant in place long after conventional multipurpose greases would have melted and run out of bearings. Chevron Sil-X Grease has an excellent pumpability characteristic. **Applications** Chevron Sil-X Grease is recommended for industrial applications subjected to very high temperatures requiring a lubricant which will not melt. Typical applications are plain or journal bearings, antifriction bearings, gear cases in kiln cars, conveyors in ceramic and paint baking ovens furnace doors, shafts extending through furnaces, etc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Sil-X-SF-Grease.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	94	94	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	2506 SUS	2506 SUS	
Saybolt Viscosity at 210°F	150 SUS	150 SUS	
Kinematic Viscosity at 40°C (104°F)	467 cSt	467 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	30.5 cSt	30.5 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Penetration	480	480	Worked
Penetration P(0), 1/10 mm	485	485	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	
Minimum Service Temperature, Air	-9.00 °C	15.8 °F	
Pour Point	-21.0 °C	-5.80 °F	ASTM D97
Flash Point	304 °C	579 °F	ASTM D92

Descriptive Properties	Value	Comments
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<small>Color</small> Descriptive Properties	<small>Red</small> Value	Comments
Texture	Semifluid	
Thickener, % / type	3 / Silica	

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