

Chesterton 633 SXCM Synthetic, Extreme Pressure & Corrosion Resistant Grease-with Moly

Category : Fluid , Lubricant

Material Notes:

Description: Chesterton® 633 Synthetic Extreme Pressure & Corrosion Resistant Grease with Moly is the one grease to use for the most demanding lubricating needs. It is a multi-purpose workhorse with outstanding extreme pressure and anti-wear capabilities, shear stability, temperature and corrosion resistance. As a premium quality, water resistant grease, 633 will not be removed even in severe water washout situations. Chesterton 633 can be used in steam and direct water contact services. With a dropping point of 288°C (550°F). It will not melt and run out even at high speeds or under heavy loads as found in Mining, Metal Processing, Steel, Aluminum or Copper Manufacturing Industry. 633 SXCM is great in its ability to extend bearing life, reduce equipment repairs and improve operational efficiency of grease lubricated equipment. It is especially advantageous where there is exposure to high humidity, corrosive vapors and shock loading or vibration as found in pulp and paper mills, mining operations, power generating plants, steel mills and metal forming operations. **Applications** include the lubrication of pinch roll and press roll bearings, dryer and calendar roll bearings, corrugators and sitters, blowers and fan bearings, oven conveyors bearings, cranes and mechanical presses. **Features:** Virtually impervious to water and steam Synthetic Base Fluid Compatible with most elastomers and seals Smooth Tack Texture Adheres to Metal Outstanding Extreme Pressure Resistance Water and Corrosion Resistant Wide temperature range. **Suggested Uses:** Use in all applications where conventional grease break down under shear, thermal abuse, shock loading and water contamination. Chesterton 633 SXCM can be used whenever thermally stable grease is required. **Applications:** Slides, guides, plain bearings and bushings. Anti-friction bearings, roller bearings and ball bearings Kiln Ring, Shoe and Rollers Couplings, joints and splined shafts Mining Equipment, Off Road Cranes, Drag Lines Railways, Switch Gear and Curve Lubrication **Lubricating Additives:** Non Heavy Metal, Extreme Pressure and Anti-Wear, Anti-Fretting Additives, Surface Reactive Anti-Rust and Corrosion Additives, Oxidation Inhibitors Information provided by Chesterton

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-633-SXCM-Synthetic-Extreme-Pressure-Corrosion-Resistant-Grease-with-Moly.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 - 1.05 g/cc	0.950 - 1.05 g/cc	
Viscosity Measurement	141	141	Base Oil; ASTM D445
Kinematic Viscosity at 40°C (104°F)	35 cSt	35 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	6.5 cSt	6.5 cSt	Base Oil; ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Load Wear Index	140	140	ASTM D2596, DIN 51 350/4
Four Ball Extreme Pressure, Weld Load	800 kg	1760 lb (mass)	ASTM D2596, DIN 51 350/4
Four Ball Wear	0.380 mm @Temperature 75.0 °C,	0.0150 in @Temperature 167 °F,	1200 rpm, 40 kg, scar diameter; ASTM D2266, DIN 51 350/5

Mechanical Properties	Time 3600 sec Metric	Time 1.00 hour English	Comments
Penetration	310 - 340	310 - 340	ASTM D217, DIN ISO 2137
Timken Test	29500 g	65.0 lb	ASTM D2509

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	250 °C	482 °F	
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	
Dropping Point	288 °C	550 °F	ASTM D2265, DIN 51 801/1

Descriptive Properties	Value	Comments
Bearing Life	200 hrs	ASTM D3527
Bomb Oxidation	3 psi drop	1000 hrs, ASTM D942
Color	Bright, Silver	
Consistency	1	NLGI, DIN 51 818
Copper Corrosion	0/1B	ASTM D4048, DIN 51 811
Corrosion Resistance	>1000 hrs	@ 50 microns film thickness, 5% NaCl, ASTM B117
Oil Base	PAO Synthetic	
Texture	Smooth, Tacky	
Thickener	Proprietary, Patent Protected, Sulfonate Complex	
Water Washout Resistance	<2.0%	@79°C, ASTM D1264
Worked Stability	-0.01	10000 Strokes, ASTM D217
	-0.045	10000 Strokes, ASTM D217

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