

Chesterton 615 High Temperature Grease

Category : Fluid , Lubricant

Material Notes:

Description: Chesterton® 615 High Temperature Grease is the one grease to use for the most demanding of lubrication needs. It is a multi-purpose workhorse with outstanding extreme pressure capabilities. With a temperature limit of 204°C, it performs at temperatures well beyond that of most conventional petroleum greases. The product is compatible with most other popular greases, has outstanding shear resistance and excellent corrosion resistance. Even when up to 50% water is incorporated into the product, the grease maintains its protective film and can withstand extremes of pressure. Uses for Chesterton 615 High Temperature Grease can be found throughout any industrial plant. It is especially advantageous where there is a high water environment such as in a pulp and paper mill, extremes of pressure such as in mining, or extremes of temperature such as in steel mills.

Features: Excellent for extremes of pressure and temperature Superior resistance to water washout Exceptional shear resistance Oxidation inhibited Contains no toxic heavy metals Compatible with most popular greases NSF H2 - Registration number 133940. ISO L-XCDIB2 DIN 51 502-KPF 2P-30.

Applications: Use in any industrial plant where operating conditions subject a lubricant to extremes of heat and pressure. Examples of industries using Chesterton 615 High Temperature Grease are the steel, pulp and paper, mining, transportation, coal and ore processing, construction, metal fabrication and marine industries. Applications range from the lubrication of conveyors, grinding mills, crushers, bearings, shears, blowers, rolling mills, traveling cranes, mechanical presses, cams, toggle joints, guides, ways, slides to any industrial and marine machines and equipment subject to extremes of temperature and pressure.

Information provided by Chesterton

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-615-High-Temperature-Grease.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Load Wear Index	85	85	ASTM D2596, DIN 51 350/4
Four Ball Extreme Pressure, Weld Load	620 kg	1370 lb (mass)	ASTM D2596, DIN 51 350/4
Four Ball Wear	0.400 mm	0.0157 in	Scar Diameter; ASTM D2266, DIN 51 350/5
Penetration	265 - 295	265 - 295	ASTM D217, DIN ISO 2137
Oil Separation	0.20 %	0.20 %	loss; ASTM D1742
Timken Test	29500 g	65.0 lb	OK Load; ASTM D2509

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Thermal Properties	Metric	English	Comments
			15, DIN 51 801/1
Descriptive Properties	Value	Comments	
Bearing Life	120 hours	Wheel, ASTM D3527	
Color	Blue-Green		
Consistency	2	NLGI, DIN 51 818	
Corrosion Resistance	>1000 hrs	@ 50 microns film thickness, 5% NaCl, ASTM B117	
Shear Stability	+2%	10000 strokes, ASTM D217	
	+4%	100000 strokes, ASTM D217	
Texture	Buttery with slight tack		
Water Washout Resistance	<0.05%	ASTM D1264	

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