

ConocoPhillips 2 Super Lube M EP Grease NLGI No.

Category : Fluid , Lubricant , Lithium Gellant , Organic Soap Gellant

Material Notes:

Description: Conoco Super Lube M EP Grease is a premium-quality, multipurpose, high-temperature, extreme-pressure (EP) lithium complex grease developed to satisfy the severe requirements of off-road equipment manufactured by Caterpillar, Komatsu-Dresser, J.I. Case, John Deere and others. These include bulldozers, scrapers, off-highway trucks, wheel loaders, pipelayers, skidders, motor graders and soil compactors where the chassis components and wheel bearings are subjected to heavy loading. Super Lube M EP Grease is also recommended for use in automotive and commercial applications such as chassis, wheel bearings, water pump bearings, universal joints, constant velocity joints, brake self-adjusting screws, tractor-trailer fifth wheels and clutch release bearings. Super Lube M EP Grease also can be used in heavily loaded antifriction and plain bearings used in gear boxes and electric motors. These are commonly found in steel, chemical and aluminum manufacturing plants, where the manufacturer specifies a lithium or lithium complex EP corrosion-resistant grease with moly. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-2-Super-Lube-M-EP-Grease-NLGI-No.php

Physical Properties	Metric	English	Comments
Kinematic Viscosity at 40°C (104°F)	200 cSt	200 cSt	Base Oil
Kinematic Viscosity at 100°C (212°F)	14.5 cSt	14.5 cSt	Base Oil

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Load Wear Index	60	60	
Four Ball Extreme Pressure, Weld Load	500 kg	1100 lb (mass)	
Four Ball Wear	0.460 mm	0.0181 in	
Penetration P(60), 1/10 mm	280	280	
Timken Test	27200 g	60.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	191 °C	375 °F	
Minimum Service Temperature, Air	-12.2 °C	10.0 °F	
Dropping Point	>= 260 °C	>= 500 °F	

Descriptive Properties	Value	Comments
ASTM Rust Fresh and Saltwater	Pass	

Color Descriptive Properties	Gray-Black Value	Comments
Molybdenum Disulfide	3 wt. %	
Oil Separation	0.21 wt. % Loss	
Oxidation Stability	7 psi drop/100 hrs	
Roll Stability	4.2% change in consistency	
Soap Type (Thickener)	Lithium Complex	
Water Washout	1.6 %	175°F

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