

ELM® SoyGrease™ EP Premium Biodegradable Extreme Pressure Grease, NLGI Grade 2

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

Description: ELM SoyGrease™ EP Premium grease is a premium quality biodegradable, water resistant, Biotechbased™ grease formulated with OptiBase™ Oils, lithium-based thickener and extreme pressure additives for maximum performance. It meets NLGI's GC-LB specifications for fretting wear protection, oxidation & thermal stability, resistance for wear, rust & corrosion and compatibility with commonly used elastomers. Applications: Suitable for Automotive, Chassis, Wheel Bearings & Fifth Wheel Recommended for fleet, farm, household and industrial applications Ideal for heavy load applications Designed for extreme pressure applications Recommended for environmentally sensitive areas near waterways Benefits: Extreme pressure additives minimize friction and wear High film strength of vegetable oil provides superior lubricity Excellent oxidative and high-temperature stability Higher flash point than petroleum greases for increased safety Meets EPA's Environmental Preferable Purchasing (EPP) criteria Meets USDA's proposed Biobased product definition for EO 13101 Manufactured from renewable USA-grown crop base oils Complies with State of Iowa SF 2249 – Purchasing Preference for Biobased Lubricants Information provided by ELM®

Order this product through the following link:

http://www.lookpolymers.com/polymer_ELM-SoyGrease-EP-Premium-Biodegradable-Extreme-Pressure-Grease-NLGI-Grade-2.php

Physical Properties	Metric	English	Comments
Kinematic Viscosity at 40°C (104°F)	86 cSt	86 cSt	
Kinematic Viscosity at 100°C (212°F)	16 cSt	16 cSt	

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	500 kg	1100 lb (mass)	
Four Ball Wear	0.470 mm	0.0185 in	
Penetration	260 - 290	260 - 290	Cone, worked 60 strokes

Thermal Properties	Metric	English	Comments
Flash Point	326 °C	619 °F	Base Oil

Descriptive Properties	Value	Comments
Appearance	Red	
Water Resistance	0.116	80°C, Loss

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