

SoyGrease™ EP Premium

Biodegradable Extreme Pressure Grease

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

TYPICAL PROPERTIES

NLGI Grade	2	3
Appearance	Red	Red
Cone Penetration, Worked 60 Strokes	260-290	220-250
Four Ball Wear Scar (mm)	0.47	0.47
Four Ball Weld Load (kg)	500	500
Water Resistance @80°C (% Loss)	11.6%	11.6%
Base Oil Viscosity at 40°C (cSt)	86	86
Base Oil Viscosity at 100°C (cSt)	16	16
Base Oil Flash Point, °C (°F)	326 (619)	326 (619)
Base Oil Biodegradability	Pass	Pass
Base Oil Aquatic Toxicity	Non-toxic	Non-toxic

PACKAGING

- 120 lb Kegs
- 400 lb Drums
- 35 lb Pails
- 14 Ounce Cartridges

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