

ELM EP Premium Grease NLGI Grade #2
Part Number: G-150, G-151, G-152
Biodegradable Lithium Complex Grease



DESCRIPTION

ELM EP Premium grease is a premium quality biodegradable, water resistant, Biotech based™ grease formulated with OptiBase™ Oils, lithium complex-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.

**BIOBASED-
 BIODEGRADABLE-
 NON-BIOACCUMULATIVE**

Based on evaluation of the base oils and the finished products, the ELM biobased products are designed to be biodegradable, aquatically non-toxic, not-bioaccumulative, and with no impact on plants as determined by known test methods. Nevertheless, the use of all of ELM products are subject to the local ordinances and ultimate responsibility for impact remains with the users.

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

TYPICAL PROPERTIES

NLGI Grade	2
Appearance	Green, Blue, Red
Cone Penetration, Worked 60 Strokes	260-290
Four Ball Wear Scar (mm)	0.47
Four Ball Weld Load (kg)	500
Dropping Point (°C)	>250
Water Resistance @80°C (% Loss)	11.6%
Base Oil Viscosity at 40°C (cSt)	220
Base Oil Viscosity at 100°C (cSt)	36
Base Oil Flash Point, °C (°F)	326 (619)
Base Oil Biodegradability – OECD 301	Pass
Base Oil Aquatic Toxicity – OECD 202	Non-toxic
Base Oil Plant Toxicity - OECD 208	Non-toxic

PACKAGING

14 oz Cartridges	400 lb Drums
35 lb Pails	2100 lbTotes

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