

ELM Marine Grease NLGI Grade #2
Part Number : G-200
Biodegradable Lithium Complex Grease



Environmental Lubricants Manufacturing, Inc.

DESCRIPTION Marine 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 | | Blue |
| Cone Penetration, Worked 60 Strokes | | 265-290 |
| Four Ball Wear Scar (mm) | | 0.47 |
| Four Ball Weld Load (kg) | | 400 |
| 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 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 2100 lb Totes
 35 lb Pails 120 lb Kegs

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