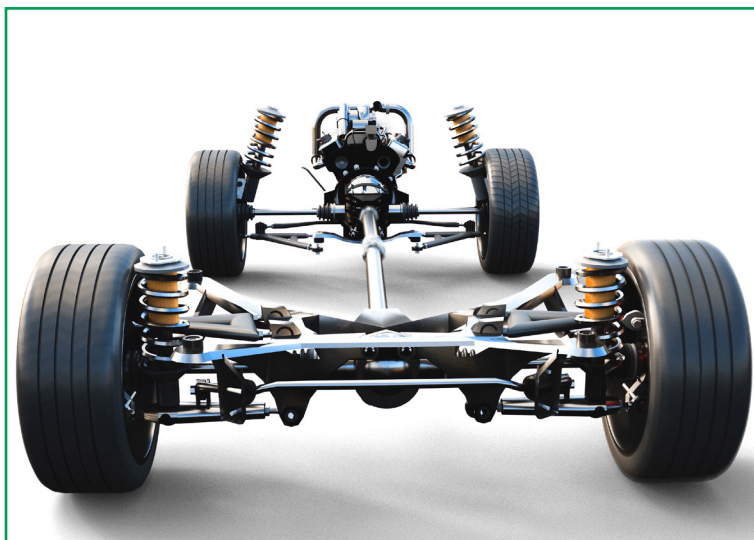


EcoLine® Heavy Duty Grease



PRODUCT DESCRIPTION

EcoLine® Heavy Duty Grease is a premium quality biobased, biodegradable grease for extreme pressure applications in agriculture or industry. It is formulated with a vegetable oil base, lithium complex based thickener, and extreme pressure additives for superior lubricity and maximum performance under heavy loads. EcoLine® Heavy Duty Grease meets NLGI's GC-LB specifications for fretting wear protection, oxidation and thermal stability, and resistance to rust and corrosion.

EcoLine® Heavy Duty Grease is designed to be biodegradable and aquatically non-toxic with no impact on plants. It is recommended for use in environmentally sensitive areas near waterways.*

FEATURES

- Ideal for heavy load applications
- High film strength for superior lubricity
- Excellent oxidation and thermal stability
- Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- Meets USDA's proposed biobased product definition for EO 13101
- Compatible with commonly used elastomers
- Available in red, blue, or green colors

BENEFITS

- Minimizes friction and fretting wear in extreme pressure areas
- Resists rust and corrosion
- Increases safety due to higher flash point than petroleum greases

*It is always important to ensure that use and disposal of all materials is in accordance with local guidelines.

APPLICATION

Apply to metal contact areas where extreme pressure NLGI grade 2 grease is needed, including, but not limited to

- Automotive Chassis
- Wheel Bearings
- Gears
- Fifth Wheels
- Farm Equipment
- Vehicle Fleets

TYPICAL PROPERTIES

Oil Characteristics		Typical Values
NLGI Grade		2
Appearance		Red, blue, or green
Cone Penetration, Worked 60 Strokes (ASTM D217)		260-290
Four Ball Wear Scar (ASTM D2266)		0.47 mm
Four Ball Weld Load (ASTM D2596)		500 kg
Dropping Point (ASTM D566)		270 °C (518 °F)
Water Resistance @ 80 °C (176 °F) (ASTM D1264)		11.6% loss
Base Oil Viscosity	40 °C (104 °F)	86 cSt
	100 °C (212 °F)	16 cSt
Base Oil Flash Point		326 °C (619 °F)
Base Oil Biodegradability (OECD 301)		Pass
Base Oil Aquatic Toxicity (OECD 202)		Non-toxic

STORAGE AND PACKAGING

Available in 14 ounce (396 g) cartridges (12 per carton), 5 gallon (19 liter) plastic pails, and 55 gallon (208 liter) metal drums.

To avoid separation, store in a cool, dry area at 32-86 °F (0-30 °C). EcoLine® Heavy Duty Grease should be stored in a sealed container. Exposure to high temperatures, dust, dirt, or other contaminants can severely deteriorate the quality of the product.

**FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT SAFETY DATA SHEET FOR MORE
INFORMATION**

LIMITED WARRANTY

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