



VpCI® Heavy Duty Lubricants & Greases

EcoLine® Fifth Wheel Grease



PRODUCT DESCRIPTION

EcoLine® Fifth Wheel Grease is premium quality biodegradable, multipurpose grease formulated from vegetable oils and a lithium-based thickener. Its superior lubricity promotes longer equipment life by reducing friction and wear. It shows good adhesion to resist water washout and has a wide range of operating temperatures. Advanced extreme pressure additives provide excellent protection.

EcoLine® Fifth Wheel Grease is recommended for use in fifth wheel plates of semi-trucks. It also serves as a biobased, biodegradable replacement for petroleum-based all-purpose greases used in sliding or rolling metal-to-metal contact areas.

FEATURES

- Contains advanced extreme pressure additives
- Operates under a wide range of temperatures
- Biodegradable
- Not toxic to plants
- Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- Meets USDA's proposed biobased product definition for EO 13101

BENEFITS

- Extends equipment life by reducing friction and wear
- Increases safety due to higher flash point than petroleum greases
- Biobased, biodegradable replacement for standard greases
- Resists water washout

APPLICATION

Apply to metal contact areas where NLGI grade 2 grease is needed.

- Semi-truck fifth wheel plates
- Trailer hitches and other mechanical joints
- Any other sliding or rolling metal-to-metal contact area

TYPICAL PROPERTIES

Physical Property	Typical Values
Appearance	Gray/Black
NLGI Grade	2
Cone Penetration, Worked (60x)	265-295
Four Ball Wear Scar (mm)	0.52
Four Ball Weld Load (kg)	400
Dropping Point	338 °F (170 °C)
Oil Separation	<5%
Base Oil Viscosity at 104 °F (40 °C)	51 cSt
Base Oil Viscosity at 212 °F (100 °C)	10.5 cSt
Base Oil Viscosity Index	202
Base Oil Flash Point	619 °F (326 °C)
Base Oil Biodegradability (OECD 301)	Pass
Base Oil Aquatic Toxicity (OECD 202)	Non-toxic

STORAGE AND PACKAGING

This product is available in 14 ounce (396 g) cartridges (12 per carton), 5 gallon (19 liter) pails, and 55 gallon (208 liter) drums. To avoid separation, store in a cool, dry area at 32-86 °F (0-30 °C). EcoLine® Fifth Wheel Grease should be stored in a sealed container. Exposure to high temperatures, dust, dirt, or other contaminants can cause severe deterioration of 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**

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