



VpCI® Heavy Duty Lubricants & Greases

EcoLine® Rail Curve Grease, Winter/Summer



APPLICATION

EcoLine® Rail Curve Greases are designed for wayside applicators on rail curves. They are recommended for heavy load applications such as coal trains and are also ideal for hi-rail application.

EcoLine® Rail Curve Grease, Winter, is ideal for prolonged cold temperatures. Use in temperature ranges between 0 to 100 °F (-17 to 37 °C).

EcoLine® Rail Curve Grease, Summer, is ideal for use in temperatures between 35 to 160 °F (2 to 71 °C).

BENEFITS

- Reduces friction and protects against wheel and rail wear
- Resists port plugging in wiping bars
- Promotes better fuel efficiency
- Reduces damage to the environment with biodegradable formula
- Offers better gauge face coefficient of friction than most petroleum-based grease



PRODUCT DESCRIPTION

EcoLine® Rail Curve Grease, Winter/Summer, are premium quality biobased, biodegradable greases designed to meet heavy-duty lubrication needs where rail curve greases are used. The application of grease to reduce friction between train wheels and curved rails is an important part of preventive maintenance that increases rail and wheel lifetime, reducing downtime and high costs associated with rail and wheel replacements. By applying EcoLine® Rail Curve Grease, rail companies can minimize friction and wear between railroad tracks and wheel flanges in an environmentally responsible manner.*

EcoLine® Rail Curve Grease, Winter, contains 80% USDA certified biobased content. EcoLine® Rail Curve Grease, Summer, contains 86% USDA certified biobased content. Both are qualified products under the mandatory federal purchasing initiative of the USDA BioPreferred® program.**

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

***For more information, go to <https://www.biopreferred.gov>.*

FEATURES

- USDA Certified Biobased Product
- Made from vegetable oils and lithium-based thickener
- Carries far down the track
- Resists migration better than major petroleum-based grease
- Contains advanced extreme pressure additives and graphite
- Ideal for prolonged cold temperatures (winter version) or hi-rail application

STORAGE AND PACKAGING

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

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf life: 2 years

TYPICAL PROPERTIES

Physical Properties		EcoLine® Rail Curve Grease Winter	EcoLine® Rail Curve Grease Summer
Appearance		Dark Gray to Black	Dark Gray to Black
Cone Penetration, Un-worked		320-340	300-320
Four Ball Wear Scar (mm)		0.58	0.55
Four Ball Weld Load (kg)		500	500
Dropping Point		293-347 °F (145-175 °C)	293-347 °F (145-175 °C)
Base Oil Viscosity (cSt)	40 °C	86	86
	100 °C	16	16
Base Oil Viscosity Index		201	201
Base Oil Flash Point		619 °F (326 °C)	619 °F (326 °C)
Biodegradability (OECD 301 Mod.)		Pass	Pass
Base Oil Aquatic Toxicity (OECD 202)		Non-Toxic	Non-Toxic
Base Oil Plant Toxicity (OECD 208)		Non-Toxic	Non-Toxic

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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