



Hi-Visc Rail Curve Grease

Biobased Rail Curve Lubricant

Part No: 10950, 10951

DESCRIPTION

UltraLube Hi-Visc RCG is a premium quality biobased, biodegradable rail curve lubricant formulated from USA-grown vegetable oils and a lithium-based thickener.

APPLICATIONS

- ▶ Designed for wayside applicators with wide temperature requirements
- ▶ For use in mechanical or electric gauge face lubricators
- ▶ Pumps and carries when using wayside application equipment and grease temperature is between 2°C (35°F) and 71°C (160°F)
- ▶ Recommended for heavy load applications such as coal trains
- ▶ Recommended for environmentally sensitive areas near waterways

BENEFITS

- ▶ Contains advanced extreme pressure additives and graphite for excellent protection against wheel and rail wear
- ▶ Reduces friction and wear between track and wheel flange
- ▶ Formulated to resist port plugging in wiping bars
- ▶ Longer carry down track from lubricator
- ▶ Better gauge face coefficient of friction than most petroleum-based grease
- ▶ Less migration to top of rail than major petroleum-based grease
- ▶ Improves fuel efficiency and superior lubricity
- ▶ Higher flash point than petroleum greases for increased safety
- ▶ Biodegradable formula reduces damage to the environment
- ▶ Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- ▶ Meets USDA's proposed Biobased product definition for EO13101
- ▶ Manufactured from renewable USA-grown crop based oils

PERFORMANCE LEVELS

- ▶ Recommended for all Portec® and other brand lubricators

TYPICAL PROPERTIES

Property	Method	Value
Appearance	visual	Dark Green to Black
Cone Penetration, unworked	ASTM D-217	310
Four Ball Wear Scar (mm)	ASTM D-2266	0.55
Four Ball Weld Load (kg)	ASTM D-2596	500
Drop Point °C (°F)	ASTM D-2265	199 (390)
Base Oil Viscosity at 40°C (cSt)	ASTM D-445	86
Base Oil Viscosity at 100°C (cSt)	ASTM D-445	16
Base Oil Viscosity Index	ASTM D-2270	201
Base Oil Flash Point °C (°F)	ASTM D-92	326 (619)
Base Oil Biodegradability	OECD	Pass
Base Oil Aquatic Toxicity	Daphnia Magna	Non-toxic

PACKAGING

35-lb Pail, 400-lb Drum, Totes

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