

ELM TempFlex® 35 to 160 w/MoS2 Rail Curve Grease
Part Number : G-260
Biodegradable Rail Curve Lubricant



DESCRIPTION TempFlex™ 35 to 160 now with molybdenum disulphide is a premium quality biodegradable, Biotechbased™ Rail Curve Lubricant formulated from USA-grown vegetable oils and a lithium-based thickener.

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**
- Designed for wayside applicators with wide temperature requirements
 - Pumps and carries when using wayside application equipment and grease temperature is between 35°F and 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 molybdenum disulphide to enhance the effects for unsurpassed protection from 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 EO 13101

PERFORMANCE LEVELS ■ Recommended for all Portec® and other brand lubricators

TYPICAL PROPERTIES	Appearance	Dark Green to Black
	Cone Penetration, Unworked	310
	Four Ball Wear Scar (mm)	0.4
	Four Ball Weld Load (kg)	500
	Dropping Point °C (°F)	199 (390)
	Oil Separation	<5%
	Base Oil Viscosity at 40°C (cSt)	86
	Base Oil Viscosity at 100°C (cSt)	16
	Base Oil Viscosity Index	201
	Base Oil Flash Point, °C (°F)	326 (619)
	Base Oil Biodegradability – OECD 301	Pass
	Base Oil Aquatic Toxicity – OECD 202	Non-toxic
Base Oil Plant Toxicity - OECD 208	Non-toxic	

PACKAGING 35 lb Pails 120 lb Kegs
 400 lb Drums 2100 lb Totes

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