

TempFlex™ 35 to 160

Biodegradable Rail Curve Lubricant

DESCRIPTION	TempFlex™ 35 to 160 is a premium quality biodegradable, Biotechbased™ Rail Curve Lubricant formulated from USA-grown vegetable oils and a lithium-based thickener.	
APPLICATIONS	<ul style="list-style-type: none">■ 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	<ul style="list-style-type: none">■ 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 EO 13101■ Manufactured from renewable USA-grown crop-based oils	
PERFORMANCE LEVELS	<ul style="list-style-type: none">■ Recommended for all Portec® and other brand lubricators	
TYPICAL PROPERTIES	Appearance	Dark Green to Black
	Cone Penetration, Unworked	310
	Four Ball Wear Scar (mm)	0.55
	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	Pass
	Base Oil Aquatic Toxicity	Non-toxic
PACKAGING	35 lb Pails 400 lb Drums Totes and Bulk	

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