

ELM® TempFlex™ 35 to 160 w/ MoS2 Biodegradable Rail Curve Lubricant

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

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. 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 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 Manufactured from renewable USA-grown crop-based oils Information provided by ELM®

Order this product through the following link:

http://www.lookpolymers.com/polymer_ELM-TempFlex-35-to-160-w-MoS2-Biodegradable-Rail-Curve-Lubricant.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	201	201	Base Oil, Index
Kinematic Viscosity at 40°C (104°F)	86 cSt	86 cSt	
Kinematic Viscosity at 100°C (212°F)	16 cSt	16 cSt	

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	500 kg	1100 lb (mass)	
Four Ball Wear	0.400 mm	0.0157 in	
Penetration	310	310	Cone, unworked
Oil Separation	<= 5.0 %	<= 5.0 %	

Thermal Properties	Metric	English	Comments
Flash Point	326 °C	619 °F	Base Oil
Dropping Point	199 °C	390 °F	

Descriptive Properties	Value	Comments
Appearance	Dark Green to Black	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China