

**ELM® TempFlex™ 35 to 160 Biodegradable Rail Curve Lubricant**

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

Description: TempFlex™ 35 to 160 is a premium quality biodegradable, Biotechbased™ Rail Curve Lubricant formulated from USA-grown vegetable oils and a lithiumbased thickener.Applications: Designed for wayside applicators with wide temperature requirementsPumps and carries when using wayside application equipment and grease temperature is between 35°F and 160°FRecommended for heavy load applications such as coal trainsRecommended for environmentally sensitive areas near waterwaysBenefits: Contains advanced extreme pressure additives and graphite for excellent protection against wheel and rail wearReduces friction and wear between track and wheel flangeFormulated to resist port plugging in wiping barsLonger carry down track from lubricatorBetter gauge face coefficient of friction than most petroleum-based greaseLess migration to top of rail than major petroleum-based greaseImproves fuel efficiency and superior lubricityHigher flash point than petroleum greases for increased safetyBiodegradable formula reduces damage to the environmentMeets EPA's Environmental Preferable Purchasing (EPP) criteriaMeets USDA's proposed Biobased product definition for EO 13101Manufactured from renewable USA-grown crop-based oilsInformation provided by ELM®

Order this product through the following link:  
[http://www.lookpolymers.com/polymer\\_ELM-TempFlex-35-to-160-Biodegradable-Rail-Curve-Lubricant.php](http://www.lookpolymers.com/polymer_ELM-TempFlex-35-to-160-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	0.550 mm	0.0217 in	
Penetration	310	310	Cone, unworked

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.**

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