

ELM® White Lithium Biodegradable Lubricating Grease

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

Description: White Lithium Grease is premium quality biodegradable, Biotechbased™ multipurpose grease formulated from USA-grown vegetable oils and a lithiumbased thickener. Applications: Designed for protection between all metal to metal contact areas Prevents rust and corrosion Recommended for farm and plant machinery Recommended for environmentally sensitive areas near waterways Benefits: White color helps differentiate new grease from old grease Contains advanced extreme pressure additives for excellent protection Reduces friction and wear Superior lubricity lessens energy consumption and reduces heat 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 – Reduces foreign oil dependence Information provided by ELM®

Order this product through the following link:

http://www.lookpolymers.com/polymer_ELM-White-Lithium-Biodegradable-Lubricating-Grease.php

Physical Properties	Metric	English	Comments
Kinematic Viscosity at 40°C (104°F)	51 cSt	51 cSt	

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	250 kg	551 lb (mass)	
Four Ball Wear	0.540 mm	0.0213 in	
Penetration	265 - 295	265 - 295	Cone, worked 60 strokes
Oil Separation	<= 5.0 %	<= 5.0 %	

Thermal Properties	Metric	English	Comments
Flash Point	326 °C	619 °F	Base Oil
Dropping Point	170 °C	338 °F	

Descriptive Properties	Value	Comments
Appearance	White to Off-white	

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