

**ELM White Lithium Grease NLGI Grade #2**  
**Part Number: G-270**  
**Biodegradable Lubricating Grease**



<b>DESCRIPTION</b>	White Lithium Grease is premium quality biodegradable, Biotech based™ multipurpose grease formulated from USA-grown vegetable oils and a lithium-based thickener.		
<b>BIOBASED-BIODEGRADABLE-NON-BIOACCUMULATIVE</b>	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.		
<b>APPLICATIONS</b>	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		
<b>BENEFITS</b>	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		
<b>PERFORMANCE LEVELS</b>	<b>Meets NLGI LB classification for chassis lubricant</b>		
<b>TYPICAL PROPERTIES</b>	Appearance	White to Off-white	
	NLGI Grade	2	
	Cone Penetration, Worked (60x)	265-295	
	Four Ball Wear Scar (mm)	0.54	
	Four Ball Weld Load (kg)	250	
	Dropping Point °C (°F)	170 (338)	
	Oil Separation	<5%	
	Base Oil Viscosity at 40°C (cSt)	51	
	Base Oil Viscosity at 100°C (cSt)	10.5	
	Base Oil Viscosity Index	202	
	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	
<b>PACKAGING</b>	14 oz Cartridges 35 lb Pails	120 lb Kegs 400 lb Drums	2100 lb Totes

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