White Lithium Grease

Biobased Lubricating Grease

Part No: 10307, 10308, 10309, 10310, 10311

DESCRIPTION

White Lithium Grease is a premium quality biobased, biodegradable multipurpose grease formulated from USA-grown vegetable oils and a lithium-based thickener.

APPLICATIONS

- ► Recommended for most chassis and general purpose lubrication
- ► Prevents rust and corrosion
- ► Designed for protection between all metal to metal contact areas
- ► Recommended for farm and plant machinery
- ► Recommended for environmentally sensitive areas near waterways
- ► Replaces and freely mixes with petroleum based grease

BENEFITS

- ► White color helps differentiate new grease from old grease
- ► Contains extreme pressure additives to minimize friction and wear
- ► Superior lubricity reduces heat and lessens energy consumption
- ► Higher flash point than petroleum based greases for increased safety
- ► Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- ► USDA BioPreferred™ listed and approved
- ► Manufactured from renewable USA-grown crop based oils

PERFORMANCE LEVELS

- ► Meets NLGI "LB" classification for chassis lubricant
- ► Operating temperature range -40°F (-40°C) to +287°F (+141°C)

TYPICAL PROPERTIES

Property	Method	Value
Appearance	visual	White to Off-White
NLGI Grade	2	
Cone Penetration, worked 60X	ASTM D-217	265-295
Four Ball Wear Scar (mm)	ASTM D-2266	0.54
Four Ball Weld Load (kg)	ASTM D-2596	250
Four Ball Load Wear Index (kg)	ASTM D-2596	51
Timken OK Load (lbs.)	ASTM D-2509	25
Drop Point °C (°F)	ASTM D-2265	197 (387)
Oil Separation	ASTM D-1742	<5%
Base Oil Viscosity at 40°C (cSt)	ASTM D-445	51
Base Oil Viscosity at 100°C (cSt)	ASTM D-445	10.5
Base Oil Viscosity Index	ASTM D-2270	202
Base Oil Flash Point °C (°F)	ASTM D-92	326 (619)
Base Oil Biodegradability	OECD	Pass
Base Oil Aquatic Toxicity	Daphnia Magna	Non-toxic

PACKAGING

8-oz Squeeze Tube
14-oz Cartridge
35-lb Plastic Pail
120-lb Metal Drum
400-lb Metal Drum

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