



## Multi-Purpose Lithium Grease Biobased Lubricating Grease

Part No: 10300, 10301, 10302, 10303, 10304, 10305

### DESCRIPTION

Multi-Purpose Lithium Grease is a premium quality biobased, biodegradable grease formulated from USA-grown vegetable oils, lithium-based thickener and extreme pressure additives for maximum performance.

### APPLICATIONS

- ▶ Recommended for most chassis and general purpose lubrication
- ▶ Ideal for heavy load applications
- ▶ Excellent of extreme pressure applications
- ▶ 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

- ▶ 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 +274°F (+134°C)

### TYPICAL PROPERTIES

Property	Method	Value
Appearance	visual	Amber
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	58
Timken OK Load (lbs.)	ASTM D-2509	35
Drop Point °C (°F)	ASTM D-2265	190 (374)
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

3-oz Cartridge	35-lb Plastic Pail
14-oz Cartridge	120-lb Metal Drum
16-oz Tub	400-lb Metal Drum

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