



# Low-Temperature Multi-Purpose Grease

## Biobased, Biodegradable EP Grease

Part No: 10373, 10374

### DESCRIPTION

Low-Temperature Multi-Purpose Lithium Grease is a premium quality, biobased grease formulated from USA-grown vegetable oils, lithium complex based thickener and extreme pressure additives for maximum performance. It is designed for use in cold climates. It has excellent fretting wear protection, oxidation & thermal stability, resistance for wear, rust & corrosion and compatibility with commonly used elastomers.

### APPLICATIONS

- ▶ Easier application in cold temperatures – recommended operating temperature range -22°F (-30°C) to 302°F (150°C)
- ▶ Recommended for fleet, farm, household, automotive and industrial applications
- ▶ Ideal for heavy load applications
- ▶ Designed for extreme pressure applications
- ▶ Recommended for environmentally sensitive areas near waterways
- ▶ Replaces and freely mixes with petroleum based grease

### BENEFITS

- ▶ Extreme pressure additives minimize friction and wear
- ▶ High film strength of vegetable oil provides superior lubricity
- ▶ Excellent oxidative and high temperature stability
- ▶ Higher flash point than petroleum based greases for increased safety
- ▶ Meets USDA's proposed Biobased product definition for EO 13101
- ▶ Manufactured from renewable USA-grown crop based oils

### TYPICAL PROPERTIES

Property	Method	Value
Appearance	visual	Red
NLGI Grade	1	
Cone Penetration, worked 60X	ASTM D-217	310-340
Dropping Point °C (°F)	ASTM D-2265	194 (381)
Four Ball Wear Scar (mm)	ASTM D-2266	0.47
Four Ball Weld Load (kg)	ASTM D-2596	500
Drop Point °C (°F)	ASTM D-2265	
Base Oil Viscosity at 40°C (cSt)	ASTM D-445	86
Base Oil Viscosity at 100°C (cSt)	ASTM D-445	16
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

14-oz Cartridge

35-lb Plastic Pail

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