



Moly EP Grease

Biobased Lubricating Grease

Part No: 10314, 10317, 10318

DESCRIPTION

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

APPLICATIONS

- ▶ Ideal for heavy load applications
- ▶ Use in applications specifying molybdenum disulfide content
- ▶ Excellent for extreme pressure applications
- ▶ 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

- ▶ Fortified with molybdenum disulfide for added protection
- ▶ 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	Silver to Black
NLGI Grade	2	
Cone Penetration, worked 60X	ASTM D-217	265-295
Four Ball Wear Scar (mm)	ASTM D-2266	0.55
Four Ball Weld Load (kg)	ASTM D-2596	400
Four Ball Load Wear Index (kg)	ASTM D-2596	58
Timken OK Load (lbs.)	ASTM D-2509	45
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

14-oz Cartridge 35-lb Plastic Pail 400-lb Metal Drum

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