



Drill Rod Grease Biobased Drilling Lubricant

Part No: 10351, 10352

DESCRIPTION Drill Rod Grease is a premium quality biobased, biodegradable drilling lubricant formulated from USA-grown vegetable oils and a lithium-based thickener.

APPLICATIONS

- ▶ Designed for applications with high temperature requirements
- ▶ Recommended for heavy load applications
- ▶ Recommended for environmentally sensitive areas near waterways

BENEFITS

- ▶ Reduces friction and wear
- ▶ Formulated to be applied on wet surfaces
- ▶ Superior adhesion and resists water washout
- ▶ Better coefficient of friction than most petroleum-based grease
- ▶ Improves efficiency and superior lubricity
- ▶ Higher flash point than major petroleum greases for increased safety
- ▶ Contains advanced extreme pressure additives for excellent protection
- ▶ Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- ▶ USDA BioPreferred™ listed and approved
- ▶ Manufactured from renewable USA-grown crop based oils

PERFORMANCE LEVELS ▶ Recommended for drilling applications

TYPICAL PROPERTIES	Property	Method	Value
	Appearance	visual	Dark Green to Black
	NLGI Grade	2	
	Cone Penetration, worked 60X	ASTM D-217	310
	Four Ball Wear Scar (mm)	ASTM D-2266	0.55
	Four Ball Weld Load (kg)	ASTM D-2596	500
	Drop Point °C (°F)	ASTM D-2265	199 (390)
	Oil Separation	ASTM D-1742	<5%
	Base Oil Viscosity at 40°C (cSt)	ASTM D-445	86
	Base Oil Viscosity at 100°C (cSt)	ASTM D-445	16
	Base Oil Viscosity Index	ASTM D-2270	201
	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 35-lb Pail, 400-lb Drum

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