



Drill Rod Grease

Biodegradable Drilling Lubricant

Description

Drill Rod Grease is a premium quality biodegradable, Biotechbased™ Drilling Lubricant formulated from natural vegetable oils and a lithium based thickener

Biobased

Biobased, biodegradable, non-bioaccumulative, non-aquatic toxic and not toxic to plants. Based on evaluation of the base oils and the finished products, the biobased products are designed to be biodegradable, aquatically non-toxic, not bioaccumulative and with no impact on plants as determined by known test methods. Nevertheless, the use of all the products are subject to the local ordinances and ultimate responsibility for impact remains with the users

Applications

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

Benefits

- Contains advanced extreme pressure additives and graphite for excellent protection
- Reduces friction and wear
- Formulated to be applied on wet surfaces
- Better coefficient of friction than most petroleum-based grease
- Improves efficiency and superior lubricity
- Higher flash point than major petroleum greases for increased safety
- Biodegradable formula reduces damage to the environment
- Conforms to EPA's EPP criteria
- Meets USDA's proposed Biobased product definition for EO 13101
- Made from renewable natural crop based vegetable oils

Performance Levels

- Recommended for drilling applications

Properties	Test Method	Typical Values
Appearance		Dark Brown
Cone Penetration, Unworked		310-340, 265-295, 220-250
Four Ball Wear Scar	(mm)	0.55
Four Ball Weld Load	(kg)	500
Dropping Point	°C, °F	199 (390)
Oil Separation		<5%
Viscosity@ 40°C, cSt	ASTM D 445	185
Viscosity@ 100°C, cSt		28
Viscosity index		190
Flash Point	°C, °F	326 (619)
Base Oil Aquatic Toxicity	Daphnia	Non- Toxic
Base Oil Biodegradability	OECD	Pass

Packaging	Weight Imperial	Weight Metric
Pail	35lb	15.88kg
Keg	120lb	54kg
Drum	400lb	181kg
Bulk Tote	As required	

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