

# BioGrease DR<sup>3</sup>

## BIODEGRADABLE DRILL ROD GREASE

### DESCRIPTION:

**BioGrease DR<sup>3</sup>** is the ideal environmentally friendly solution for drill rod applications. It is formulated from high purity vegetable oils and thickened with very shear stable lithium soap. The additive package contains the latest in ashless, environmentally friendly, rust and anti-wear technology. This provides rust protection not only while the rod is in service, but also for extended periods while the rod is in storage. **BioGrease DR<sup>3</sup>** utilizes an optimized blend of polymers which enables the product to function at temperatures well beyond the limits of other vegetable based products, as well as improving water resistance, pumpability, and adhesion to the rod in service while minimizing torque.

### FEATURES:

- ◆ Formulated from high purity vegetable oils.
- ◆ Designed to function well beyond temperature limits of competing products.
- ◆ Improved water resistance.
- ◆ Tailored to provide uniform distribution without “globbing”.

### TECHNICAL DATA:

BioGrease		DR <sup>3</sup>				
NLGI Grade:		3				
Penetration	ASTM D217	220-250				
Color:	Visual	Amber				
Texture		Smooth				
Flash Point - °F (°C)	ASTM D92	500 (260)				
Fire Point - °F (°C)	ASTM D92	540 (282)				
Dropping Point, °F (°C)	ASTM D2265	>350 (176)				
Water Washout, % loss max	ASTM D1264	5.4				
Viscosity Index	ASTM D2270	165				
Aquatic Toxicity	ASTM D6046	Pass				
Biodegradability	ASTM D5864	Pass				
Aquatic Toxicity, Fathead						
Minnow, LC50, 96hrs., ppm	EPA-821-R-02-012	>15,000				

### AVAILABLE PACKAGING:

35lb. Pails



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