

BioGrease PPG

BIODEGRADABLE PLUNGER PACKING GREASE

DESCRIPTION:

BioGrease PPG is specifically designed for plunger packing lubrication of triplex and quintuplex pumps. **BioGrease PPG** is made from a high quality vegetable oil base with a special blend of polymers to provide low temperature pumpability, excellent adhesion to the plunger, and minimize friction while providing an excellent seal in the system. Pumpability is critical in these pumps and **BioGrease PPG** offers excellent performance at a very wide range of temperatures. In addition, this ultra-low toxicity grease is made from bio-based, sustainable base stocks, and is ultimately biodegradable if released in the environment.

FEATURES:

- ◆ Made from renewable, biobased vegetable feedstocks.
- ◆ Excellent pumpability and lubricity at a wide range of temperatures.
- ◆ Excellent lubrication of plunger and pump components.
- ◆ Ultra-low toxicity.
- ◆ Ultimately biodegradable per ASTM D5864.
- ◆ Naturally protects against corrosion.

TECHNICAL DATA:

BioGrease		PPG ⁰⁰	PPG ⁰	PPG ¹		
NLGI Grade:		00	0	1		
Penetration:	ASTM D217	410-430	355-385	310-340		
Thickener Type:		Lithium 12	Lithium 12	Lithium 12		
Color:	Visual	Amber	Amber	Amber		
Texture:		Smooth	Smooth	Smooth		
Viscosity:						
@40C, cSt:	ASTM D445	100	27.5	64.6		
@100C, cSt:	ASTM D445	21	6.2	14.03		
Viscosity Index:	ASTM D2270	237	185.7	227		
Flash Point - °F (°C):	ASTM D92	520 (271)	510 (266)	510 (266)		
Fire Point - °F (°C):	ASTM D92	550 (287)	510 (266)	510 (266)		
Copper Corrosion:	ASTM D4048	1A	1A	1A		
Aquatic Toxicity:	ASTM D6046	Pass	Pass	Pass		
Biodegradability:	ASTM D5864	Pass	Pass	Pass		
Rust Test:	ASTM D6046	Pass	Pass	Pass		
Aquatic Toxicity, Fathead						
Minnow, LC50, 96hrs., ppm	EPA-821-R-02-012	>15,000	>15,000	>15,000		

AVAILABLE PACKAGING:

35 lb. Pails, 120lb Kegs.



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