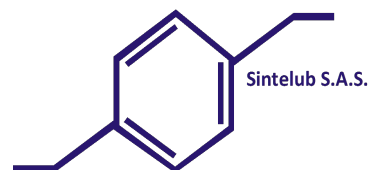


BioBlend PPL

BIODEGRADABLE PLUNGER PACKING LUBRICANT



DESCRIPTION:

BioBlend PPL is a readily biodegradable lubricant for the fluid end of positive displacement reciprocating pumps, such as triplex / quintuplex pumps, used in oil and gas fields. It is formulated from ultra-low toxicity renewable resources and contains no mineral oil or metallic additives, thus greatly reducing environmental impact and liability compared to traditional lubricants. **BioBlend PPL** is designed to reduce wear on plungers, packing, and liners.

FEATURES:

- ◆ Readily Biodegradable, Ultra Low Toxicity Formula.
- ◆ Reduces Environmental Impact and Liability.
- ◆ Excellent Adhesion and Wear Protection.
- ◆ Resists Corrosion and Wash-Off.
- ◆ Provides an Effective Seal between Packing and Liners.
- ◆ Operator Friendly.

TECHNICAL DATA:

BioBlend		PPL ⁴⁶	PPL ⁶⁸	PPL ¹⁰⁰		
ISO Grade:		46	68	100		
Viscosity:						
@ 40°C, cSt: typical	ASTM D445	46	68	100		
@100°C, cSt: typical	ASTM D445	8.7	11.2	18.1		
Viscosity Index:	ASTM D2270	>220	>220	>220		
Pour Point*, °F (°C):	ASTM D97	-15 (-26)	-25 (-32)	-30 (-34)		
Flash Point, °F (°C):	ASTM D92	>600 (315)	>600 (315)	>600 (315)		
Copper Corrosion:	ASTM D4048	1A	1A	1A		
Rust Test, A & B:	ASTM D1743	Pass	Pass	Pass		
Biodegradability, %:	OECD 301B	>75	>75	>75		
Biodegradability, %:	ASTM D5864	>75	>75	>75		
Aquatic Toxicity, Fathead						
Minnow, LC50, 48hrs., ppm:	EPA-821-R-02-012	>5,000	>5,000	>5,000		

AVAILABLE PACKAGING:

5 Gallon Pails, 55 Gallon Steel or Plastic Drums, 275 Gallon Totes.



BIOBLEND™ RENEWABLE RESOURCES, LLC
 2250 ARTHUR AVE. - ELK GROVE VILLAGE, IL 60007
 PHONE: 630.227.1800
 www.bioblend.com

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