

# BioLube R&O

## BIODEGRADABLE R&O FLUIDS

### DESCRIPTION:

**BioLube R&O** fluids are formulated from readily biodegradable, high lubricity base oils coupled with proprietary non-toxic anti-wear and anti-corrosion additives. The special Rust & Oxidation (R&O) additives and anti-foam agents help provide maximum demulsibility of water and reduce air entrainment to provide higher circulation rates. This high performance formula can reduce operating temperatures, friction, and component wear in mobile and industrial hydraulic systems. Excellent thermal and oxidative stability assures superior service life with minimal viscosity change over a broad range of operating temperatures. ISO Grades 32, 46 & 68.

### FEATURES:

- ◆ Readily biodegradable, nontoxic.
- ◆ Superior anti-wear and extreme pressure protection.
- ◆ Advanced rust and corrosion protection.
- ◆ High viscosity index/temperature stability.
- ◆ Turbine quality R&O additives
- ◆ Excellent demulsibility
- ◆ Low air entrainment to increase circulation rates
- ◆ Passes Static Sheen Test 40CFR Appendix 1 to Subpart A of Part 435

### TECHNICAL DATA:

BioLube		R&O <sup>32</sup>	R&O <sup>46</sup>	R&O <sup>68</sup>		
ISO Grade:		32	46	68		
Specific Gravity:		.913	.913	.913		
Viscosity	ASTM D445					
@ 40°C, cSt:		32	46	68		
Viscosity Index:	ASTM D2270	>188	>200	>200		
Pour Point °F (°C):	ASTM D97	-20 (-28)	-20 (-28)	-20 (-28)		
Flash Point °F (°C):	ASTM D92	>350 (176)	>500 (260)	>500 (260)		
Copper Corrosion:	ASTM D4048	1A	1A	1A		
Rust Test, A & B:	ASTM D665	Pass	Pass	Pass		
Biodegradability, %:	CEC-L-33-A-94	>80	>95	>95		
Suggested Operating Range		Zero to 150F	20F to 160F	20F to 160F		
Static Sheen Test			Pass	Pass		

### AVAILABLE PACKAGING:

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



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