

## CHEMLUBE® R&O SERIES HYDRAULIC FLUIDS

### Applications:

The Chemlube R&O Series are high performance R&O hydraulic fluids. These premium petroleum hydraulic fluids have superior rust and oxidation inhibitors to provide excellent protection against rust, corrosion and deposit formation for longer service life. The Chemlube R&O Series have excellent water-separating properties to minimize the formation of emulsions, and are resistant to excessive foam buildup.

### Typical Industrial Applications:

- High Pressure Hydraulic Systems
- High Pressure Turbines
- General Purpose Machinery
- Circulating Oil Systems
- Plain and Rolling-Element Bearings used in Electric Motors.
- Compressors
- Vacuum Pumps

### Performance Benefits:

- Excellent rust and oxidation inhibitors
- Will not foam
- Great demulsibility
- Exceeds the performance requirements of the leading OEM hydraulic pump manufacturers

**CHEMLUBE®**

TYPICAL PROPERTIES	TEST METHOD	Chemlube R&O 32	Chemlube R&O 46	Chemlube R&O 68	Chemlube R&O 100
ISO Grade	ASTM D2422	32	46	68	100
Viscosity @ 40°C,cSt	ASTM D445	34	45	69	95
Viscosity @ 100°C,cSt	ASTM D445	5.3	7.3	9.3	11.5
Viscosity Index	ASTM D2270	136	120	112	109
Flash Point, °C/°F	ASTM D92	204/400	210/410	217/424	226/439
Pour Point, °C/°F	ASTM D97	-30/-22	-24/-11	-21/-6	-15/5
Copper Corrosion	ASTM D130	1a	1a	1a	1a
Rust – Sea Water	ASTM D665	Pass	Pass	Pass	Pass
Oxidation Stability	ASTM D943	7500+	7500+	7500+	---
Foaming Sequences I, II, III	ASTM D892	Pass	Pass	Pass	Pass
Specific Gravity	ASTM D1298	0.87	0.87	0.88	0.88

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#### HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

#### TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at [info@ultracheminc.com](mailto:info@ultracheminc.com)

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