

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

TYPICAL PROPERTIES	TEST METHOD	Chemlube R&O 32	Chemlube R&O 46	Chemlube R&O 68	Chemlube R&O 100	Chemlube R&O 320
ISO Grade	ASTM D2422	32	46	68	100	320
Viscosity @ 40°C,cSt	ASTM D445	34	45	69	95	330
Viscosity @ 100°C,cSt	ASTM D445	5.3	7.3	9.3	11.5	25.6
Viscosity Index	ASTM D2270	136	120	112	109	100
Flash Point, °C/°F	ASTM D92	204/400	210/410	217/424	226/439	265/509
Pour Point, °C/°F	ASTM D97	-43/-45	-37/-34	-34/-29	-29/-20	-10/14
Copper Corrosion	ASTM D130	1a	1a	1a	1a	1a
Rust – Sea Water	ASTM D665	Pass	Pass	Pass	Pass	Pass
Oxidation Stability	ASTM D943	7500+	7500+	7500+	---	---
Foaming Sequences I, II, III	ASTM D892	Pass	Pass	Pass	Pass	Pass
Specific Gravity	ASTM D1298	0.87	0.87	0.88	0.88	0.89

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



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