

## CHEMLUBE® 922, 932, 946, 968, and 9100 POLYOL ESTER LONG-LIFE COMPRESSOR LUBRICANTS

### Applications:

The Chemlube 900 series are fully synthetic and have been formulated from premium polyol ester (POE) base fluids to achieve long life for compressor applications. These products are greater than 90% biodegradable as measured by the CEC L33 biodegradability test. New additive technology assures long lasting protection.

Chemlube 922, 932, 946, and 968 are designed for rotary screw compressors with a long service life of 10,000 – 12,000 hours under good operating conditions.

Chemlube 9100 is designed for reciprocating compressors.

### Typical Industrial Applications:

- Rotary Screw Compressors
- Rotary Vane Compressors
- Reciprocating Compressors
- Centrifugal Compressors
- Vacuum Pumps

### Performance Benefits:

- Same base fluid as used in jet aviation (Polyol ester)
- Superior to petroleum, PAO, or synthetic diesters
- Outstanding thermal stability
- Built in detergency action
- Extended drain intervals reduces oil disposal, thus increasing cost effectiveness
- Generally recognized as being biodegradable and virtually nontoxic
- Caution: May affect some paint finishes, plastics and seals

TYPICAL PROPERTIES	TEST METHOD	Chemlube 922	Chemlube 932	Chemlube 946	Chemlube 968	Chemlube 9100
ISO Grade	ASTM D2422	22	32	46	68	100+
Viscosity @ 40°C,cSt	ASTM D445	20	34.4	48.5	64.9	134
Viscosity @ 100°C,cSt	ASTM D445	4.4	6.0	7.7	9.0	13
Viscosity Index	ASTM D2270	131	119	125	114	130
Flash Point, °C/°F	ASTM D92	241/465	252/485	271/520	266/511	299/570
Pour Point, °C/°F	ASTM D97	-60/-76	-57/-70	-51/-60	-43/-45	-34/-29
Copper Corrosion	ASTM D130	1a	1a	1a	1a	1a
Foaming Sequences I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil
Demulsibility	ASTM D1401	Excellent	Excellent	Excellent	Excellent	Excellent
Evaporation, %	ASTM D972	0.10	0.13	0.10	0.10	0.12
Carbon Residue, %	ASTM D189	<0.01	<0.01	<0.01	<0.01	<0.01
Specific Gravity	ASTM D1298	1.05	1.01	0.97	0.96	1.01

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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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