

CHEMLUBE® 221, 228, 268, 299, and 300 PAO-BASED COMPRESSOR LUBRICANTS

Applications:

The Chemlube PAO-based series are fully synthetic compressor oils that are formulated with the highest quality polyalphaolefin (PAO) base fluids. These 100% premium synthetic oils are used where maximum seal, paint, and plastic compatibility is required. Chemlube 221, 228, and 268 are designed for rotary screw applications and offer a service life of up to 8,000 hours under a wide range of temperatures under good operating conditions. Chemlube 299 and 300 are designed for reciprocating compressors.

Typical Industrial Applications:

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

Performance Benefits:

- Outstanding thermal oxidative stability
- Very low pour point
- Wide operating temperature range
- Non-detergent and ashless
- Extended drain intervals / reduced oil disposal
- Excellent vapor pressure characteristics
- USDA H-2 authorized

TYPICAL PROPERTIES	TEST METHOD	Chemlube 221	Chemlube 228	Chemlube 268	Chemlube 299	Chemlube 300
ISO Grade	ASTM D2422	32	46	68	100	150
Viscosity @ 40°C,cSt	ASTM D445	32	48	68	99	156.3
Viscosity @ 100°C,cSt	ASTM D445	5.5	7.9	10.3	14.5	18.3
Viscosity Index	ASTM D2270	140	134	139	150	131
Flash Point, °C/°F	ASTM D92	221/430	251/483	270/518	246/475	260/500
Pour Point, °C/°F	ASTM D97	-54/-65	-51/-60	-51/-60	-51/-60	-45/-49
Copper Corrosion	ASTM D130	1a	1b, shiny	1a	1a	1a
Foaming Sequences I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil
Demulsibility	ASTM D1401	Excellent	40-40-0(10)	40/39/1	Excellent	Excellent
Four Ball Wear, 40 Kg., 1200rpm, 75°C, 1 hr., Scar Diameter, mm	ASTM D4172	<0.50	0.43	0.44	<0.48	<0.48
Specific Gravity	ASTM D1298	0.84	0.86	0.86	0.86	0.86

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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