

CHEMLUBE® CF32 & CF46

CENTRIFUGAL COMPRESSOR LUBRICANTS

Applications:

The Chemlube CF32 and CF46 are formulated with the highest quality polyalphaolefin (PAO) base oils. These 100% premium synthetic oils are designed for use in centrifugal compressors. The carefully designed additive package in Chemlube CF oils provide anti-wear properties to protect the bull gears which operate at 1200-3600 RPM. At the same time, the Chemlube CF oils lubricate and protect the high speed (30,000-50,000 RPM) impeller bearings. Chemlube CF oils have been used successfully for many years in large and small centrifugal compressors. They offer a service life of 12,000 hours in centrifugal compressors in good operating conditions.

Typical Industrial Applications:

- Centrifugal Compressors

Performance Benefits:

- Energy savings – generally 3-5%
- Greatly extended oil change intervals (5X petroleum)
 - ✓ Less downtime for maintenance
 - ✓ Reduced waste oil disposal cost
- Eliminates or reduces varnish and shellac on critical component surfaces
- Increased thermal and oxidative stability over petroleum oils
- High flash point helps reduce fire hazards
- Gearboxes run cooler due to reduced friction
- Excellent anti-wear additives
- Wide operating temperature range and high viscosity index

TYPICAL PROPERTIES	TEST METHOD	Chemlube CF 32	Chemlube CF 46
ISO Grade	ASTM D2422	32	46
Viscosity @ 40°C,cSt	ASTM D445	31.1	47.3
Viscosity @ 100°C,cSt	ASTM D445	5.8	7.9
Viscosity Index	ASTM D2270	127	136
Flash Point, °C/°F	ASTM D92	240/464	240/464
Pour Point, °C/°F	ASTM D97	-48/-54	-48/-54
Demulsibility	ASTM D1401	41-39-0(10)	40-40-0(10)
Specific Gravity	ASTM D1298	0.86	0.86

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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

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