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	263/506	275/526
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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