

## CHEMLUBE® 800

### TRI-ESTER BASED COMPRESSOR LUBRICANT

#### Applications:

Chemlube 800 is a high viscosity synthetic oil formulated from a highly stable tri-ester base fluid. Chemlube 800 is designed for use in reciprocating compressors under adverse conditions of high temperature and high pressure. Chemlube 800 is recommended for reciprocating compressors and vacuum pumps using the following gases:

Air	Ethylene	Methane	Propane
Butadiene	Natural Gas	Synthesis Gas	Carbon Monoxide
Carbon Dioxide (dry)	Helium	Hydrogen Sulfide (dry)	Nitrogen
Furnace (crack) Gas	Hydrogen	Sulphur Hexafluoride	

Nominal Operating Range is -15°C to 230°C (5°F to 445°F)

#### Typical Industrial Applications:

- Reciprocating Compressors
- High Pressure Air Compressors
- Vacuum Pumps
- Gear Boxes
- Chains

#### Performance Benefits:

- Outstanding thermal and oxidative stability
- Will not varnish or form carbon deposits
- Excellent heat transfer characteristics
- Low volatility and low toxicity
- Caution: May affect some paint finishes, plastics, and seals.

Chemlube 800 carries the NSN #9150-01-490-5505 and is approved by **Bauer®** for high-pressure applications.

TYPICAL PROPERTIES	TEST METHOD	Chemlube 800
ISO Grade	ASTM D2422	150
SAE Grade	SAE J-300	40
Viscosity @ 40°C,cSt	ASTM D445	141.5
Viscosity @ 100°C,cSt	ASTM D445	12.8
Viscosity Index	ASTM D2270	79
Flash Point, °C/°F	ASTM D92	279/535
Pour Point, °C/°F	ASTM D97	-29/-20
Auto Ignition Temp., °C/°F	ASTM D1255	391/735
Evaporation, %	ASTM D972	<1.0
Water Solubility, <0.01 g/l @ 20°C		Insoluble
Lbs./Gallon		8.10
Specific Gravity		0.97

#### 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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