

## TOMLIN GOLD 500 DIESTER BASED COMPRESSOR OIL

### Applications:

Tomlin Gold 500 is designed for use in rotary vane, sliding vane, and reciprocating compressors or vacuum pumps, with scheduled changes extended to as much as 8,000 hours for crankcases. This product is specially formulated with diester base oils for use in a wide variety of applications.

Tomlin Gold 500 can be used for cylinder and frame lubrication in 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 Sulphide (dry)	Nitrogen
Furnace (crack) Gas	Hydrogen	Sulphur Hexafluoride	

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

### Characteristics:

- ◆ Outstanding thermal and oxidative stability
- ◆ Will not varnish or form carbon deposits
- ◆ Wide operating temperature range
- ◆ Built in detergency action
- ◆ Extended drain intervals reduces oil disposal, thus increasing cost effectiveness

### Typical Properties:

		ASTM Test Method	Tomlin Gold 500
SAE Grade			30
ISO Viscosity Grade		D2422	100
Viscosity, cSt.	40°C	D445	91.4
	100°C		9.3
Viscosity Index		D2270	71
Pour Point	°C/ °F	D97	-29/-30
Flash Point	°C/ °F	D92	260/500
Carbon Residue %		D189	<0.02
Evaporation %		D972	0.98
Foaming Sequence I, II, III		D892	Nil
Copper Corrosion 3 hrs @ 100°C		D130	1b
4 Ball Wear, 40 kg, 1200 rpm, 1 hr @ 75C		D4172	0.38 mm
Specific Gravity		D1298	0.95
USDA Authorization			H-2
Demulsibility @ 130°F		D1401	Excellent

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