

ANDEROL® 500

SYNTHETIC COMPRESSOR OIL (ISO VG 100)

DESCRIPTION

ANDEROL® 500 is an ISO 100 diester-based lubricant designed to provide high temperature and long-term lubrication with minimal deposit formation.

ANDEROL 500 is rated H2 for use in food processing plant applications.

APPLICATIONS

Ideally suited for cylinder and crankcase lubrication of splash lubricated reciprocating compressors and vacuum pumps for air service:

ANDEROL 500 may also be considered for other applications requiring an oxidation resistant lubricant.
Nominal Operating Range is -15°C to 210°C (5°F to 410°F).

FEATURES and BENEFITS

- No metallic additives to interfere with catalytic processes
- Fewer oil changes
- Lower oil consumption
- Reduces compressor maintenance
- Eliminates lacquering and deposits
- Greatly reduces fire and explosion hazard
- Reduces energy consumption
- Separates water condensate rapidly

APPROVALS and SPECIFICATIONS

ANDEROL 500 is field tested, approved or recommended by major compressor manufacturers.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL [®] 500
Viscosity, cSt		
@ 40°C	ASTM D 445	104.3
@ 100°C	ASTM D 445	10.4
Viscosity Index	ASTM D 2270	76
Pour Point, °C	ASTM D 97	-33
Flash Point, COC, °C	ASTM D 92	242
Specific Gravity, 15.6 °C (60 °F)	ASTM D 4052B	0.96
Copper Strip Corrosion, 3 hrs @ 100 °C	ASTM D 130	1B
Autoignition Temperature, °C	ASTM E 659	410
Evaporation, 22 hrs @ 99 °C (210 °F), % loss	ASTM D 972	<1.0
Conradson Carbon Residue, %	ASTM D 189	0.02
Four-Ball Wear, 1200 rpm, 167 °F (75 °C), 40 kg, 1 hour, mm	ASTM D 4172	0.8
Demulsibility @ 54 °C, mL oil/water/emulsion (min)	ASTM D 1401	41/39/0(25)

COMPATIBILITY

The following seals, paints, and plastics are recommended for use in contact with Anderol Specialty Lubricants. Materials not recommended are also shown. For more information please call ANDEROL Technical Services

RECOMMENDED: Viton, High Nitrile Buna N, Teflon, Epoxy Paint, Oil-Resistant Alkyd, Nylon, Delrin, Celcon, PBT.

NOT RECOMMENDED: Neoprene, SBR Rubber, Low Nitrile Buna N, Acrylic Paint, Lacquer, Polystyrene, PVC, ABS.

PACKAGING

ANDEROL[®] 500 is available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

AN500:REV112910

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