

ANDEROL® 497

SYNTHETIC COMPRESSOR OIL (ISO VG 68)

DESCRIPTION

ANDEROL® 497 is an ISO 68 diester-based, oxidation resistant lubricant designed to provide high temperature and long-term lubrication with minimal deposit formation.

ANDEROL 497 is rated H2 for use in food processing plants.

APPLICATIONS

- Oil flooded rotary screw compressors
- Oil flooded rotary vane compressors
- ANDEROL 497 may also be considered for other applications requiring an oxidation resistant lubricant.
- Nominal Operating Range is -15°C to 230°C (5°F to 450°F).

ADVANTAGES

- 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 497 is field tested, approved or recommended by major compressor manufacturers.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL® 497
Viscosity, cSt		
@ 40 °C	ASTM D 445	64.0
@ 100 °C	ASTM D 445	7.4
Pour Point, °C	ASTM D 97	-30
Flash Point, COC, °C	ASTM D 92	254
Specific Gravity, 15.6 °C (60 °F)	ASTM D 4052B	0.953
Copper Strip Corrosion, 3 hrs @ 100 °C	ASTM D 130	1A
Autoignition Temperature, °C	ASTM E 659	405
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	40/37/3(15)

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® 497 is available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

A497:REV112910

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