

# ANDEROL PRODUCT DATA SHEET

## ANDEROL® 497

SYNTHETIC COMPRESSOR OIL (ISO VG 68)

### GENERAL INFORMATION

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.

### TYPICAL PROPERTIES:

PROPERTY	TEST METHOD	MIN	MAX	TYPICAL
Viscosity @ 40°C, cSt	ASTM D-445	61.2	74.8	64.2
Viscosity @ 100°C, cSt	ASTM D-445	7.0	---	7.4
Pour Point, °C	ASTM D-97	-	-32	-33
Flash Point, °C	ASTM D-92	235	---	252
Specific Gravity, 15.6°C	ASTM D-4052B	0.940	0.960	0.954

PROPERTY	TEST METHOD	TYPICAL
Autoignition Temperature, °C	ASTM E-659	405
Conradson Carbon Residue, %	ASTM D-189	0.02
Evaporation, 22 hrs @ 99°C, %	ASTM D-972	<1.0
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D-130	1A
Demulsibility @ 54°C, ml oil/water/emulsion (min)	ASTM D-1401	40/37/3 (15)
Four-Ball Wear, 1200 rpm, 75°C, 40 kg, 1 hr, mm	ASTM D-4172	0.8

### 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).

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**For more information please refer to the relevant Material Safety Data Sheet accompanying each product.**

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## ADVANTAGES

- Fewer oil changes
- Reduces compressor maintenance
- Greatly reduces fire and explosion hazard
- Lower oil consumption
- Eliminates lacquering and deposits

## APPROVALS

ANDEROL synthetic lubricants are the only long-life synthetic lubricants with over 30 years of successful performance. They are field tested, approved or recommended by major compressor manufacturers. Should you have any questions regarding the suitability of ANDEROL 497 compressor lubricant for a specific manufacturer's model compressor, please check with your ANDEROL lubricant supplier or contact Anderol Company.

## COMPATIBILITY

The following seals, paints, and plastics are recommended for use in contact with Anderol Company Synthetic Lubricants. Materials not recommended are also shown. For more information on other materials, see our "Compatibility Guide."

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

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**ANDEROL**<sup>®</sup>  
Specialty Lubricants

ANDEROL COMPANY  
PO Box 518, 215 Merry Lane  
East Hanover, New Jersey USA  
Tel: 888-ANDEROL  
Or Tel: (973) 887-7410  
Fax: (973) 884-3825  
E-mail: [info2@anderol.com](mailto:info2@anderol.com)