

ANDEROL PRODUCT DATA SHEET

ANDEROL® 496

SYNTHETIC COMPRESSOR OIL (ISO VG 46)

GENERAL INFORMATION

ANDEROL 496 is an ISO VG 46 diester-based, oxidation resistant lubricant designed to provide high temperature and long-term lubrication with minimal deposit formation.

ANDEROL 496 is rated H2 for use in food processing plant applications.

TYPICAL PROPERTIES:

| SALES SPECIFICATIONS | | | | |
|--------------------------|--------------|------|------|-----------------|
| PROPERTY | TEST METHOD | MIN | MAX | TYPICAL RESULTS |
| Viscosity @ 40°C, cSt | ASTM D-445 | 41.4 | 50.6 | 45.5 |
| Viscosity @ 100°C, cSt | ASTM D-445 | 6.0 | - | 6.5 |
| Pour Point, °C | ASTM D-97 | - | -35 | -54 |
| Flash Point, °C | ASTM D-92 | 235 | - | 250 |
| Specific Gravity, 15.6°C | ASTM D-4052B | 0.95 | 0.97 | 0.965 |

| ADDITIONAL INFORMATION | | |
|---|-------------|-----------------|
| PROPERTY | TEST METHOD | TYPICAL RESULTS |
| 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 | 40/38/2 (<30) |
| Four-Ball Wear, 1200 rpm, 75°C, 40 kg, 1 hr, mm | ASTM D-4172 | 0.8 |

ANDEROL 496

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

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APPLICATIONS

- Oil flooded rotary screw compressors
- Oil flooded rotary vane compressors
- Axial compressors
- Centrifugal compressors
- ANDEROL 496 may also be considered for other applications requiring an oxidation resistant lubricant.

Nominal Operating Range is -25°C to 230°C (-15°F to 450°F).

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 496 compressor lubricant for a specific manufacturer's model compressor, please check with your ANDEROL lubricant supplier or contact Anderol Company.

ADVANTAGES

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

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