



# PRODUCT DATA SHEET

## ANDEROL 496

### Synthetic Compressor Lubricant



#### ADVANTAGES/BENEFITS

ANDEROL® synthetic lubricants are the only long-life synthetic lubricants with over 70 years of successful performance.

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

#### COMPATIBILITY

The following seals, paints and plastics are recommended for use in contact with ANDEROL® 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

#### APPROVALS

- CompAir
- Renault
- ALMiG
- Leybold
- Tamrock

#### APPLICATION

ANDEROL 496 can be used for the lubrication of

- Oil flooded rotary screw compressors
- Oil flooded rotary vane compressors
- Axial compressors
- Centrifugal compressors & vacuum pumps

In the presence of following gases:

- Air
- Butadiene
- Carbon Monoxide
- Furnace (crack) gas
- Carbon Dioxide (dry)
- Ethylene
- Helium
- Hydrogen
- Hydrogen Sulfide (dry)
- Natural gas
- Methane
- Nitrogen
- Propane
- Synthesis Gas
- Sulfur Hexafluoride

Nominal Operating Range -25°C to 210 °C

ANDEROL 496 is an ISO 46 synthetic di-ester based compressor lubricant specifically designed to provide long-term lubrication in air and process gas compressors and vacuum pumps.

ANDEROL 496 meets or exceeds the following specifications:

DIN 51506 VDL  
ISO 6743-3 L-DAJ

| PROPERTIES                  | TEST METHOD | ANDEROL 496         |
|-----------------------------|-------------|---------------------|
| ISO VG                      | ASTM D-2422 | 46                  |
| Appearance @ 20°C           | visual      | Clear Yellow Liquid |
| Viscosity @ 40°C, cSt       | ASTM D-445  | 41.6                |
| Viscosity @ 100°C, cSt      | ASTM D-445  | 6.5                 |
| Viscosity Index             | ASTM D-2270 | 101                 |
| Density @ 15°C, kg/l        | ASTM D-1298 | 0.949               |
| Total Acid Number, mg KOH/g | ASTM D-664  | 0.15                |
| Flash Point, °C             | ASTM D-92   | 245                 |
| Pour Point, °C              | ASTM D-97   | -35                 |
| Demulsibility @ 54°C, min   | ASTM D-1401 | 15                  |

FOR MORE INFORMATION PLEASE REFER TO THE RELEVANT MATERIAL SAFETY DATA SHEET

#### REGISTRATIONS



This information is furnished without warranty, representation, inducement, or license of any kind except that it is accurate to the best of OUR knowledge or obtained from sources believed by ANDEROL® to be accurate. ANDEROL® does not assume any legal responsibility for use of reliance upon it. Only Chemists or chemically qualified lab technicians should carry out tests. Before using any chemicals, read its label and Material Safety Data Sheet.

# ANDEROL®

Specialty Lubricants

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