

Anderol[®] 496

Anderol[®] Industrial lubricants compressors and vacuum pumps

Description

Synthetic Compressor Lubricant

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

Features and Benefits

- 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



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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 the following gases:

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

Nominal Operating Range -25°C to 210 °C

Approvals

- CompAir
- Renault
- Leybold
- Tamrock
- ALMiG



Anderol[®] 496Anderol[®] Industrial lubricants compressors and vacuum pumps**Technical data***

| PROPERTY | 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 |

**The analytical data are guide values.*

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Consult safety data sheet (SDS) for additional handling information on **Anderol[®] 496**
For registrations, certificates and approvals please refer to anderol.com

® = registered trade mark

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