

Anderol[®] C-NRT 100

Anderol[®] Industrial lubricants compressors and vacuum pumps

Description

Inert Synthetic Compressor Lubricant

Anderol[®] C-NRT 100 is a unique, extremely stable synthetic based compressor lubricant.

It is specifically designed to provide inertness and long-term lubrication in industrial applications, where contact with (reactive) chemistries cannot be avoided.

Where any other chemistry fails, this product will withstand attacks of all aggressive gasses and resist the rapid breakdown which is unavoidable with any other mineral/ester/PAO based product.

The complementary thermal and oxidative stability of the base fluid in combination with oxidation inhibitors, extends lubricant life at elevated temperature conditions.

Thanks to its excellent detergency effect deposit/lacquering formation is avoided.

Features and Benefits

- Chemically inert to chemical gasses of acidic nature.
- No metal additives to interfere with catalytic processes.
- Increases maintenance intervals.
- Greatly reduces fire and explosion hazard.
- Very good water separation.
- Lower oil consumption.
- Eliminates lacquering and deposits completely.
- Reduces energy consumption.

Compatibility

Anderol[®] synthetic hydrocarbon based lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets and hoses. No special precautions related to compatibility are required when changing over from a mineral oil lubricant to an **Anderol[®]** synthetic hydrocarbon based lubricant.



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Application

Recommended for use in centrifugal and screw compressor for the following gases:

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

Nominal Operating Range -40°C to 170 °C.

Technical data*

| PROPERTY | METHOD | ANDEROL C-NRT 100 |
|-----------------------------|-------------|---------------------|
| ISO VG | ASTM D-2422 | 100 |
| Appearance @ 20°C | Visual | Clear Yellow Liquid |
| Viscosity @ 40°C, cSt | ASTM D-445 | 95 |
| Viscosity @ 100°C, cSt | ASTM D-445 | 12.9 |
| Viscosity Index | ASTM D-2270 | 135 |
| Density @ 15°C, kg/l | ASTM D-1298 | 0.845 |
| Total Acid Number, mg KOH/g | ASTM D-664 | 0.14 |
| Flash Point, °C | ASTM D-92 | 252 |
| Pour Point, °C | ASTM D-97 | -48 |
| Demulsibility @ 54°C, min | ASTM D-1401 | 10 |

*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol[®] C-NRT 100**
For registrations, certificates and approvals please refer to anderol.com

® = registered trade mark

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