

ANDEROL C-NRT FGC 46

H1 Food Grade Inert Compressor Lubricant

Product Data Sheet



ANDEROL C-NRT FGC 46 is a unique H1 registered synthetic lubricant meeting all requirements of air compressors running in food processing plants. 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. **ANDEROL C-NRT FGC 46** meets or exceeds the following specifications: DIN 51506

ADVANTAGES / BENEFITS

ANDEROL synthetic lubricants are the only long-life synthetic lubricants with over 60 years of successful performance.

- 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
- 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.

APPLICATION

Cylinder and crankcase lubrication for centrifugal and screw compressors for the following gasses:

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

Nominal Operating Range -40°C to 210°C

PROPERTIES	TEST METHOD	ANDEROL C-NRT FGC 46
Appearance @ 20°C	visual	Clear yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	44.3
Viscosity @ 100°C, cSt	ASTM D-445	7.4
Viscosity Index	ASTM D-2270	132
Density @ 15°C, kg/l	ASTM D-1298	0.842
Total Acid Number, mg KOH/g	ASTM D-664	0.15
Flash Point, °C	ASTM D-92	246
Pour Point, °C	ASTM D-97	-57
Demulsibility @ 54°C	ASTM D-1401	5

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

APPROVALS / REGISTRATIONS



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