

ANDEROL® FGC 100

SYNTHETIC FOOD GRADE COMPRESSOR OIL (ISO VG 100)

DESCRIPTION

ANDEROL® FGC 100 is an ISO 100 poly- α -olefin (PAO) Food Grade Compressor Lubricant that has received USDA H-1 approval and can be used where incidental food contact may occur. In addition it has been certified as Kosher by the Orthodox Union and Halal by INFANCA.

All **ANDEROL®** Food Grade Lubricants meet the requirements of FDA regulation 21 CFR 178.3570.

APPLICATIONS

Recommended for use in reciprocating and rotary vane air compressors in applications where incidental food contact may occur with oil in the discharge air. It may also find application in bearings and circulating oil systems.

Nominal Operating Range: -25°C to 175°C.

ADVANTAGES

- Fewer oil changes
- Compatible with compressor seals, gaskets, hoses, and air system components
- Reduced varnish lacquering and deposits
- Greatly reduced fire and explosion hazard
- Reduced compressor maintenance
- Lower oil consumption
- Excellent anti-wear properties
- Rust and oxidation inhibited
- Long life without gumming or discoloring

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL [®] FGC 100
Viscosity, cSt		
@ 40 °C	ASTM D 445	103
@ 100 °C	ASTM D 445	13.7
Pour Point, °C	ASTM D 97	-49
Flash Point, COC, °C	ASTM D 92	274
Specific Gravity, 15.6 °C (60 °F)	ASTM D 4052B	0.844
Evaporation, 22 hrs @ 99 °C (210 °F), % loss	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	40/38/0 (<15)
Four-Ball Wear, 1200 rpm, 167 °F (75 °C), 40 kg, 1 hour, mm	ASTM D 4172	0.84

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.

PACKAGING

ANDEROL[®] FGC 100 is available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

ANFGC100:REV112910

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Anderol Specialty Lubricants
a division of Chemtura Corporation
215 Merry Lane
East Hanover, New Jersey 07936
Technical Service +1.973.887.7410
Customer Service +1.203.573.4595
Fax +1.203.573.2324
info-anderol@chemtura.com
www.anderol.com