

ConocoPhillips ANDEROL® FGC 20 Synthetic Food Grade Compressor Fluid, ISO 46

Category : Fluid , Lubricant , Polyalphaolefin (PAO)

Material Notes:

Description: ANDEROL FGC Series Compressor Fluids are synthetic hydrocarbon (PAO) based lubricants formulated for use in compressors. FGC Series Fluids meet the former H-1 approval requirements of the USDA where incidental food contact can occur. They are specifically recommended for use in rotary compressors where incidental food contact may occur with oil in the discharge air. ANDEROL food grade lubricants are approved, recommended and field tested by many OEMs in the food processing, baking, bottling, canning, meat processing and pharmaceutical industries. ANDEROL food grade lubricants are listed by NSF International under "USDA Regulations, Proprietary Substances and Nonfood Compounds." The Islamic Food and Nutrition Council of America (IFANCA) endorses FGC Series Fluids as being produced in conformity with all requirements of Halal, and they are Kosher-approved by the Orthodox Union. Information provided by ConocoPhillips. Anderol® is a registered trademark of The Anderol Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-ANDEROL-FGC-20-Synthetic-Food-Grade-Compressor-Fluid-ISO-46.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.830 g/cc	0.830 g/cc	60°F; ASTM D-1298
Saybolt Viscosity at 100°F	219 SUS	219 SUS	ASTM D-2161
Saybolt Viscosity at 210°F	52 SUS	52 SUS	ASTM D-2161
Kinematic Viscosity at 40°C (104°F)	47 cSt	47 cSt	ASTM D-445
Kinematic Viscosity at 100°C (212°F)	7.8 cSt	7.8 cSt	ASTM D-445

Mechanical Properties	Metric	English	Comments
Four Ball Wear	0.600 mm	0.0236 in	1 hr. @ 1200 rpm, 75°C (167°F), 40 kg.; ASTM D-4172

Thermal Properties	Metric	English	Comments
Pour Point	-50.0 °C	-58.0 °F	ASTM D-97
Flash Point	250 °C	482 °F	ASTM D-92

Descriptive Properties	Value	Comments
Copper Corrosion	1A	3 hrs. at 100°C, ASTM D130
Demulsibility (40-40-0)	Max 30 minutes	at 54°C, ml oil/water/emulsion, ASTM D1401
Evaporation	Max 1.0 %	ASTM D-972, 22 hrs. @ 99°C (210°F)

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