

## ConocoPhillips ANDEROL® FGC 40 Compressor Fluid, Synthetic Food Grade ISO 100

Category : Fluid , Lubricant , Polyalphaolefin (PAO)

### Material Notes:

Description: ANDEROL FGC 40 Compressor Fluid is a synthetic hydrocarbon (PAO) based lubricant formulated for use in compressors. FGC 40 Fluid meets the former H-1 approval requirements of the USDA where incidental food contact can occur. It is specifically recommended for use in reciprocating 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 40 Fluid as being produced in conformity with all requirements of Halal, and it is 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-40-Compressor-Fluid-Synthetic-Food-Grade-ISO-100.php](http://www.lookpolymers.com/polymer_ConocoPhillips-ANDEROL-FGC-40-Compressor-Fluid-Synthetic-Food-Grade-ISO-100.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.840 g/cc	0.840 g/cc	60°F; ASTM D-4052
Saybolt Viscosity at 100°F	468 SUS	468 SUS	ASTM D-2161
Saybolt Viscosity at 210°F	72 SUS	72 SUS	ASTM D-2161
Kinematic Viscosity at 40°C (104°F)	101 cSt	101 cSt	ASTM D-445
Kinematic Viscosity at 100°C (212°F)	13.4 cSt	13.4 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	-45.0 °C	-49.0 °F	ASTM D-97
Flash Point	260 °C	500 °F	ASTM D-92

Descriptive Properties	Value	Comments
Copper Corrosion	1A	3 hrs. at 100°C, ASTM D130
Demulsibility (40-38-2)	Max 15 minutes	at 54°C, ml oil/water/emulsion, ASTM D1401
Evaporation	Max 1.0 %	ASTM D-972, 22 hrs. @ 99°C (210°F)

## **Contact Songhan Plastic Technology Co.,Ltd.**

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