

ConocoPhillips ANDEROL® FGH 46 Synthetic Food Grade Hydraulic Fluid, ISO 46

Category : Fluid , Lubricant , Polyalphaolefin (PAO)

Material Notes:

Description: ANDEROL FGH Series Hydraulic Fluids are made from synthetic hydrocarbons (PAO) and special additive packages which allow them to meet the former H-1 approval requirements of the USDA where incidental food contact can occur. FGH Series Fluids are recommended for hydraulic systems in food processing machinery. They also are recommended for bearings, chains, valves, canning and bottling machinery. FGH Series Fluids can be applied by various methods, including bath, reservoir, force-feed lubricator or circulating pump. 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 FGH Series Fluids as being produced in conformity with all requirements of Halal. FGH Series Fluids, with viscosity grades 32 to 100, 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-FGH-46-Synthetic-Food-Grade-Hydraulic-Fluid-ISO-46.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.830 g/cc	0.830 g/cc	60°F; ASTM D-1298
Viscosity Measurement	135	135	Viscosity Index; ASTM D-2270
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
ASTM Color	1.0	1.0	ASTM D-1500

Mechanical Properties	Metric	English	Comments
Four Ball Wear	0.500 mm	0.0197 in	1 hr. @ 1200 rpm, 75°C (167°F), 40 kg.; ASTM D-4172

Thermal Properties	Metric	English	Comments
Pour Point	-55.0 °C	-67.0 °F	ASTM D-97
Flash Point	240 °C	464 °F	ASTM D-92

Descriptive Properties	Value	Comments
Copper Corrosion	1A	3 hrs. at 100°C, ASTM D130

Descriptive Properties	Value	Comments
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