

ConocoPhillips ANDEROL® 6100 Synthetic Food Grade Gear Fluid

Category : Fluid , Lubricant , Polyalphaolefin (PAO)

Material Notes:

Description: ANDEROL 6000 Series Food Grade Gear 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. ANDEROL 6000 Series Fluids are made for use in gear sets, bearings, circulating oil systems and chain applications. The heavier viscosity grades provide excellent service in worm gear units. 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." 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-6100-Synthetic-Food-Grade-Gear-Fluid.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.850 g/cc	0.850 g/cc	60°F; ASTM D-1298
Viscosity Measurement	125	125	Viscosity Index; ASTM D-2270
Saybolt Viscosity at 100°F	450 SUS	450 SUS	ASTM D-2161
Saybolt Viscosity at 210°F	70 SUS	70 SUS	ASTM D-2161
Kinematic Viscosity at 40°C (104°F)	97 cSt	97 cSt	ASTM D-445
Kinematic Viscosity at 100°C (212°F)	13 cSt	13 cSt	ASTM D-445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	160 kg	353 lb (mass)	ASTM D-2783
Four Ball Wear	0.400 mm	0.0157 in	1 hr. @ 1200 rpm, 75°C (167°F), 40 kg.; ASTM D-4172

Thermal Properties	Metric	English	Comments
Pour Point	-40.0 °C	-40.0 °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
Rust Test	Pass	ASTM D665A

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