

ConocoPhillips ANDEROL® 6460 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-6460-Synthetic-Food-Grade-Gear-Fluid.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.860 g/cc	0.860 g/cc	60°F; ASTM D-1298
Viscosity Measurement	128	128	Viscosity Index; ASTM D-2270
Saybolt Viscosity at 100°F	2098 SUS	2098 SUS	ASTM D-2161
Saybolt Viscosity at 210°F	177 SUS	177 SUS	ASTM D-2161
Kinematic Viscosity at 40°C (104°F)	453 cSt	453 cSt	ASTM D-445
Kinematic Viscosity at 100°C (212°F)	38 cSt	38 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	0.380 mm	0.0150 in	1 hr. @ 1200 rpm, 75°C (167°F), 40 kg.; ASTM D-4172

Thermal Properties	Metric	English	Comments
Pour Point	-30.0 °C	-22.0 °F	ASTM D-97
Flash Point	220 °C	428 °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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