

ConocoPhillips ANDEROL® AA-20 White Mineral Food Grade Oil, ISO Grade 46, SAE Grade 20

Category : Fluid , Lubricant , White Mineral Oil (WMO)

Material Notes:

Description: ANDEROL PQ AA Series Oils are white mineral oil based products that meet the former H-1 approval requirements of the USDA where incidental food contact can occur. PQ AA Series Oils are recommended for use with hydraulic systems, vacuum pumps, compressors, bearings, gears, slides, ways and chains. It also can be used as a wipe down oil. PQ food grade lubricants are approved, recommended and field tested by many OEMs in the food processing, baking, bottling, canning, meat processing and pharmaceutical industries. PQ 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-AA-20-White-Mineral-Food-Grade-Oil-ISO-Grade-46-SAE-Grade-20.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.870 g/cc	0.870 g/cc	60°F; ASTM D-1298
Viscosity Measurement	102	102	Viscosity Index; ASTM D-2270
Saybolt Viscosity at 100°F	220 SUS	220 SUS	ASTM D-2161
Saybolt Viscosity at 210°F	47 SUS	47 SUS	ASTM D-2161
Kinematic Viscosity at 40°C (104°F)	51 cSt	51 cSt	ASTM D-445
Kinematic Viscosity at 100°C (212°F)	7.3 cSt	7.3 cSt	ASTM D-445
ASTM Color	1.0	1.0	ASTM D-1500

Mechanical Properties	Metric	English	Comments
Four Ball Wear	0.400 mm	0.0157 in	1 hr. @ 1200 rpm, 75°C (167°F), 40 kg.; ASTM 4172
Falex Load Test	>= 907000 g	>= 2000 lb	ASTM 3233-B
Timken Test	18100 g	40.0 lb	ASTM D-2782

Thermal Properties	Metric	English	Comments
Pour Point	-15.0 °C	5.00 °F	ASTM D-97
Flash Point	215 °C	419 °F	ASTM D-92

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

<small>Test Type</small> Descriptive Properties	<small>Pass</small> Value	<small>ASTM D555B</small> Comments
Vickers Vane Pump Test	Pass	ASTM D2882

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