

ConocoPhillips Hydroclear® 70 Industrial Oil

Category : Fluid , Lubricant

Material Notes:

Description: Conoco Hydroclear Industrial Oil is a high-quality, general-purpose industrial lubricant formulated from premium Conoco hydrocracked base stocks. Hydroclear Industrial Oil is recommended for use in a variety of applications which require a pure fluid.

Hydroclear Industrial Oil is ideally suited for use as a seal oil, process oil, concrete form oil, deepwell pump drip oil, diluent, extender oil or other similar application. Hydroclear Industrial Oil provides good thermal stability, low volatility and high purity. Hydroclear Industrial Oil is available in seven different viscosity grades to meet the needs of most applications and operating conditions. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-Hydroclear-70-Industrial-Oil.php

Physical Properties	Metric	English	Comments
Density	0.850 g/cc	0.0307 lb/in ³	
Viscosity Measurement	115	115	Viscosity Index
Saybolt Viscosity at 100°F	63 SUS	63 SUS	
Saybolt Viscosity at 210°F	35 SUS	35 SUS	
Kinematic Viscosity at 40°C (104°F)	11 cSt	11 cSt	
Kinematic Viscosity at 100°C (212°F)	2.9 cSt	2.9 cSt	
ASTM Color	0.50	0.50	

Thermal Properties	Metric	English	Comments
Pour Point	-45.6 °C	-50.0 °F	
Flash Point	182 °C	360 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.4487	1.4487	

Descriptive Properties	Value	Comments
Aniline Point	212°F	
Carbon Residue	0.06	
Characterization D-2007	0.1% Polar	Test inaccurate with HC base oils
	2.4% Aromatics (fully saturated)	Test inaccurate with HC base oils

Descriptive Properties	Value	Comments
Composition, Supercritical Fluid Chromatography	0% Aromatics	Test inaccurate with HC base oils
	0% Polars	
	100% Saturates	
Distillation D-2887 10%	649	
Distillation D-2887 50%	685	
Distillation D-2887 90%	716	
Distillation D-2887 IBP	582	
HPLC Aromatic Detection 1-Ring	130 ppm	
HPLC Aromatic Detection 2.5-Ring	Not Detectable	
HPLC Aromatic Detection 2-Ring	Max 1 ppm	
HPLC Aromatic Detection 3-Ring and Above	Not Detectable	

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