



Description

Sasol North America's ODC Drilling Fluid Base Oils are high purity hydrocarbons in the kerosene boiling range. Sasol ODC oils are light, colorless, nonfluorescent oils with low viscosity and mild odor. They have extremely low sulfur and nitrogen content. All Sasol ODC base oils are well suited as high-performance, low toxicity, replacements for the diesel oil in oilfield drilling applications.

Applications

Sasol's ODC Drilling Fluid Base Oils have been developed for use as base oils in drilling muds, as water-based mud additive, stimulation fluids and as spotting fluids.

Regulatory Compliance

If this material is used in a consumer product or in certain other specific applications, some exemptions may apply. Please contact a sales representative for more information on particular FDA regulations or for solvent status as an LVP-VOC for consumer products.

Contact Information

Please contact either of the following representatives:

For technical information and samples:

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Physical Properties

Typical physical properties are listed in the table below. Actual properties will vary from lot to lot.

Typical Properties	Method	ODC	ODC-15
Distillation Range, °F			
IBP	ASTM D-86	370	374
FP		480	490
Flash Point, (PM) °F	ASTM D-93	158	145
Freeze Point, °F	ASTM D-2386	<-90	<-87
Pour Point, °F	ASTM D-97	<-90	<-87
Specific Gravity 60°/60°F	ASTM D-287	0.810	0.821
Sulfur, ppm		<1	<1
Color, Saybolt Universal	ASTM D-156	+30	+30
Viscosity, cSt @ 20°C	ASTM D-445	2.2	2.1
@ 40°C		1.6	1.53
Vapor Pressure, torr at 20°C	API, Calc	0.16	0.2
Evaporative Rate (nBA=1)	ASTM D-3539	0.019	0.014
Aniline Point, °F	ASTM D-611	158	144
Kauri Butanol Value	ASTM D-1133	32	36
Solubility in water, ppm		negligible	negligible
Aromatics - BTEX, ppm	EPA 8260B	ND*	<800
Polyaromatic Hydrocarbon (PAH) as Phenanthrene, detection limit 0.0025 mg/g	EPA Method 1654A "MI Modified	ND	<2.5

*-method detection limit 36 ppb

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