

Signature® Concrete Form Oil



Signature® Concrete Form Oil is a severely hydrotreated paraffinic base oil that provides excellent color and consistency.

Typical Properties

Physical Properties	Methods	MIN	MAX	Marketing Values
Viscosity SUS at 100° F (37.8° C)	ASTM D 445	60.0	75.0	68.8
Viscosity SUS at 210° F (98.9° C)	ASTM D445			35.9
Viscosity cSt at 40° C (104° F)	ASTM D341			11.8
Viscosity cSt at 100° C (212° F)	ASTM D341			2.9
API Gravity, 60° F (15.6° C)	ASTM D1250			33.6
Specific Gravity, 60° F (15.6° C)	ASTM D4052			0.8567
Viscosity Index	ASTM D2270	60		78
Viscosity Gravity Constant	ASTM D2501			0.8184
Density, lbs/gal at 60° F	ASTM D1250			7.136
Molecular Weight	ASTM D2502			318
Flash Point, COC, °F (°C)	ASTM D92	330 (166)		370 (189)
Color ASTM	ASTM D6045		1.5	L0.5
Pour Point, ° C	ASTM D5949		5 (-15)	0 (-18)
Cloud Point, ° F (° C)	ASTM D5773			14 (-10)
Water Content	WTP-OP-001	PASS		PASS
Appearance	WTP-OP-020	PASS		PASS

Chemical Properties				
Acid Number, Mg KOH/g	ASTM D664			0.01
Aniline Point, ° F (° C)	ASTM D611	190.0 (87.8)	210.0 (98.9)	205.4 (96.3)
Sulfur, wt%	ASTM D4294			0.0004
Sulfur, ppm	ASTM D4294			4
Clay-gel mass, %	ASTM D2007			
Saturates				93.7

Health and Safety Properties				
Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
Modified Ames Assay	ASTM E1687	PASS		PASS
FDA Regulation	21 CFR 178.3620 (C)	PASS		PASS

Product (s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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