

HyPrene P40

Paraffinic Process Oil Marketing Specification

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL VALUES
		MIN	MAX	
Physical Properties				
Viscosity, SUS at 100°F (37.8°C)	ASTM D2161	34.0	44.0	37.7
Viscosity, SUS at 210°F (98.9°C)	ASTM D2161			30.5
Viscosity, cSt at 40°C (104°F)	ASTM D445	2.4	5.2	3.4
Viscosity, cSt at 100°C (212°F)	ASTM D445			1.3
API Gravity, 60°F (15.6°C)	ASTM D1250			42.0
Specific Gravity, 60°F (15.6°C)	ASTM D4052			0.8153
Density, lbs/gal at 60°F	ASTM D1250			6.798
Density at 15.6°C, g/cm ³	ASTM D1250			0.8145
Flash Point, COC, °F (°C)	ASTM D92	200 (93)		269 (132)
Flash Point, PMCC, °F (°C)	ASTM D93			246 (119)
Color, Saybolt	ASTM D6045			30
Pour Point, °F (°C)	ASTM D5950			11 (-12)
Water Content	ASTM D7546M		PASS	PASS
Appearance	ASTM D4176M		PASS	PASS
Chemical Properties				
Acid Number, mg KOH/g	ASTM D664		0.05	0.01
Aniline Point, °F (°C)	ASTM D611			185 (85)
Sulfur, ppm	ASTM D5453			9
Refractive Index, 20°C (68°F)	ASTM D1218			1.4515
UV Absorptivity at 260 nm	ASTM D2008			0.29
Aromatics + Polars, Total, %, HPLC	ASTM D7419			9
Carbon Type Analysis, %	IR Brandes			
Ca				7
Cn				13
Cp				80

HyPrene P40 is a product of Ergon - West Virginia, Inc.
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