

HyPrint 40

Naphthenic Ink Oil Marketing Specification

This severely hydrotreated naphthenic printing ink oil has a low odor level, and good solvency and volatility.

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL VALUES
		MIN	MAX	
Physical Properties				
Viscosity, SUS at 100°F (37.8°C)	ASTM D2161	31.0	46.0	36.0
Viscosity, SUS at 210°F (98.9°C)	ASTM D2161			30.0
Viscosity, cSt at 40°C (104°F)	ASTM D445	2.0	5.0	3.0
Viscosity, cSt at 100°C (212°F)	ASTM D445			1.2
API Gravity, 60°F (15.6°C)	ASTM D1250			32.7
Specific Gravity, 60°F (15.6°C)	ASTM D4052			0.8618
Density, lbs/gal at 60°F	ASTM D1250			7.178
Density at 15.6°C, g/cm ³	ASTM D1250			0.8612
Flash Point, COC, °F (°C)	ASTM D92	218 (103)		228 (109)
Flash Point, PMCC, °F (°C)	ASTM D93	200 (93)		208 (98)
Color, Saybolt	ASTM D6045	20		29
Pour Point, °F (°C)	ASTM D5950			-126 (-88)
Water Content	ASTM D7546M		PASS	PASS
Appearance	ASTM D4176M		PASS	PASS
Chemical Properties				
Aniline Point, °F (°C)	ASTM D611	142 (61)	162 (72)	153 (67)
Health and Safety Properties				
Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
Modified Ames Assay, MI	ASTM E1687		1	<1

HyPrint 40 is a product of Ergon Refining, Inc.
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