

HY 40

Naphthenic Ink Oil Marketing Specification

This severely hydrotreated mineral oil has a very low aromatic content, excellent solvency, and excellent color with resistance to discoloration by heat or ultraviolet light.

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL VALUES
		MIN	MAX	
Physical Properties				
Viscosity, SUS at 100°F (37.8°C)	ASTM D2161	30.0	40.0	36.0
Viscosity, SUS at 210°F (98.9°C)	ASTM D2161			30.0
Viscosity, cSt at 40°C (104°F)	ASTM D445			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
Flash Point, COC, °F (°C)	ASTM D92			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, ppm	ASTM D7546M		120	PASS
Appearance	ASTM D4176M	PASS		PASS

HY 40 is a product of Ergon Refining, Inc.
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