HyPrint | Ink Oils

ERGON

HyPrint 500

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
Physical Properties		**MIN**	**MAX**	
Viscosity, SUS at 100°F (37.8°C)	ASTM D2161	500	550	542
Viscosity, SUS at 210°F (98.9°C)	ASTM D2161			55.8
Viscosity, cSt at 40°C (104°F)	ASTM D445	94.2	103.0	101.8
Viscosity, cSt at 100°C (212°F)	ASTM D445			8.8
API Gravity, 60°F (15.6°C)	ASTM D1250			22.8
Specific Gravity, 60°F (15.6°C)	ASTM D4052			0.9169
Viscosity-Gravity Constant	ASTM D2501			0.858
Density, lbs/gal at 60°F	ASTM D1250			7.634
Density at 15.6°C, g/cm^3	ASTM D1250			0.916
Molecular Weight	ASTM D2502			400
Flash Point, COC, °F (°C)	ASTM D92	392 (200)		434 (223)
Flash Point, PMCC, °F (°C)	ASTM D93	374 (190)		417 (214)
Color, ASTM	ASTM D6045		2.0	L1.0
Pour Point, °F (°C)	ASTM D5949		10 (-12)	-21 (-30)
Water Content	ASTM D7546M	PASS		PASS
Appearance	ASTM D4176M	PASS		PASS
Chemical Properties				
Aniline Point, °F (°C)	ASTM D611	185 (85)	200 (93)	191 (88)
Health and Safety Properties				
Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
Modified Ames Assay, MI	ASTM E1687		1	<1

HyPrint 500 is a product of Ergon Refining, Inc.
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