

# INKER 500

Naphthenic Ink Oil

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

TEST DESCRIPTION		TEST METHOD	SPECIFICATIONS		MARKETING VALUES
			Min	Max	
<b>Physical Properties</b>					
1	Viscosity, SUS at 100°F(37.8°C)	ASTM D 445	500	550	533
2	Viscosity, SUS at 210°F(98.9°C)	ASTM D 445			55.9
3	Viscosity, cSt at 40°C(104°F)	ASTM D 341	94.2	103.0	100.2
4	Viscosity, cSt at 100°C(212°F)	ASTM D 341			8.8
5	API Gravity, 60°F(15.6°C)	ASTM D 1250			22.8
6	Specific Gravity, 60°F(15.6°C)	ASTM D 4052			0.9170
7	Viscosity- Gravity Constant	ASTM D 2501			0.8587
8	Density, lbs/gal at 60°F	ASTM D 1250			7.636
9	Molecular Weight	ASTM D 2502			392
10	Flash Point, COC, °F(°C)	ASTM D 92	360(182)		430(221)
11	Color, ASTM	ASTM D 6045		2.0	L1.0
12	Pour Point, °F(°C)	ASTM D 5949		10(-12)	-18(-28)
13	Water Content	ERTM-1	PASS		PASS
14	Appearance	ERTM-2	PASS		PASS
<b>Chemical Properties</b>					
1	Aniline Point, °F(°C)	ASTM D 611	185.0(85.0)	200.0(93.3)	188.0(86.7)
<b>Health and Safety Properties</b>					
1	Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
2	Modified Ames Assay	ASTM E 1687	PASS		PASS

**Disclaimer:** It makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the products for the application contemplated by the user is solely their responsibility.