

BOER L150

Naphthenic Base Oil

This severely hydrotreated naphthenic base oil is primarily used in the metal working and compounder blending industries. It has a low pour point, a low odor level, excellent color, and resistance to discoloration by heat or ultraviolet light.

TEST DESCRIPTION		TEST METHOD	SPECIFICATIONS		MARKETING VALUES
			Min	Max	
Physical Properties					
1	Viscosity, SUS at 100°F(37.8°C)	ASTM D 445	150.0	165.0	157.0
2	Viscosity, SUS at 210°F(98.9°C)	ASTM D 445			41.3
3	Viscosity, cSt at 40°C(104°F)	ASTM D 341			30.1
4	Viscosity, cSt at 100°C(212°F)	ASTM D 341			4.5
5	API Gravity, 60°F(15.6°C)	ASTM D 1250			24.2
6	Specific Gravity, 60°F(15.6°C)	ASTM D 4052			0.9090
7	Viscosity- Gravity Constant	ASTM D 2501			0.8655
8	Density, lbs/gal at 60°F	ASTM D 1250			7.568
9	Molecular Weight	ASTM D 2502			323
10	Flash Point, COC, °F(°C)	ASTM D 92	330(166)		360(182)
11	Color, ASTM	ASTM D 6045		1.5	L1.0
12	Pour Point, °F(°C)	ASTM D 5949		-20(-29)	-46(-43)
13	Water Content	ERTM-1	PASS		PASS
14	Appearance	ERTM-2	PASS		PASS
Chemical Properties					
1	Acid Number, mg KOH/g	ASTM D 664		0.05	0.01
2	Aniline Point, °F(°C)	ASTM D 611	165.0(73.9)	185.0(85.0)	172.1(77.9)
3	Sulfur, wt%	ASTM D 4294			0.034
4	Sulfur, ppm	ASTM D 4294			340
Health and Safety Properties					
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.