BOER MVI 150BS

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℃)	ASTM D 445			3528
2	Viscosity,SUS at 210°F(98.9℃)	ASTM D 445	130	180	156
3	Viscosity,cSt at 40℃(104°F)	ASTM D 341			646
4	Viscosity,cSt at 100℃(212°F)	ASTM D 341			32
5	Viscosity Index	ASTM 2270			73
6	API Gravity,60°F(15.6℃)	ASTM D 1250			23.5
7	Specific Gravity,60°F(15.6℃)	ASTM D 4052			0.9134
8	Viscosity- Gravity Constant	ASTM D 2501			0.8248
9	Density,lbs/gal at 60°F	ASTM D 1250			7.603
10	Molecular Weight	ASTM D 2502			650
11	Flash Point,COC,°F(℃)	ASTM D 92	510(270)		548(286)
12	Flash Point,PMCC,°F(℃)	ASTM D 93			487(253)
13	Color,ASTM	ASTM D 6045		4.0	2.6
14	Pour Point,°F(℃)	ASTM D 5949		45(7.2)	20(-6.7)
15	Cloud Point,°F(℃)	ASTM D 2500			66(19)
16	Water Content	ERTM-1	PASS		PASS
	Chemical Properties				
1	Acid Number,mg KOH/g	ASTM D 664		0.05	0.01
2	Aniline Point, °F(℃)	ASTM D 611	220(104)	258(125)	243(117)
3	Sulfur,wt%	ASTM D 4294			0.079
4	Sulfur,ppm	ASTM D 4294			792