BOER L2000

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	2000	2400	2093
2	Viscosity,SUS at 210°F(98.9℃)	ASTM D 445			101.0
3	Viscosity,cSt at 40℃(104°F)	ASTM D 341			383
4	Viscosity,cSt at 100℃(212°F)	ASTM D 341	19.0	25.0	20.0
5	API Gravity,60°F(15.6℃)	ASTM D 1250			21.8
6	Specific Gravity,60°F(15.6℃)	ASTM D 4052			0.9230
7	Viscosity- Gravity Constant	ASTM D 2501			0.8495
8	Density,lbs/gal at 60°F	ASTM D 1250			7.686
9	Molecular Weight	ASTM D 2502			507
10	Flash Point,COC,°F(℃)	ASTM D 92	470(243)		510(266)
11	Color,ASTM	ASTM D 6045		4.0	L2.5
12	Pour Point,°F(℃)	ASTM D 5949		30(-1)	7(-14)
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(℃)	ASTM D 611	200(93)	215(102)	209(98)
3	Sulfur,wt%	ASTM D 4294			0.085
4	Sulfur,ppm	ASTM D 4294			850
	Health and Safety Properties				
1	Polycyclic Aromatic Compounds,wt%	IP 346		3	< 3
2	Modified Ames Assay	ASTM E 1687	PASS		PASS