

# BOER MVI 2000

## 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		
<b>Physical Properties</b>					
1	Viscosity, SUS at 100°F(37.8°C)	ASTM D 445	2000	2400	2143
2	Viscosity, SUS at 210°F(98.9°C)	ASTM D 445			114
3	Viscosity, cSt at 40°C(104°F)	ASTM D 341			395
4	Viscosity, cSt at 100°C(212°F)	ASTM D 341			22.7
5	Viscosity Index	ASTM 2270			69.0
6	API Gravity, 60°F(15.6°C)	ASTM D 1250			23.4
7	Specific Gravity, 60°F(15.6°C)	ASTM D 4052			0.9140
8	Viscosity- Gravity Constant	ASTM D 2501			0.8432
9	Density, lbs/gal at 60°F	ASTM D 1250			7.608
10	Molecular Weight	ASTM D 2502			570
11	Flash Point, COC, °F(°C)	ASTM D 92	460(238)		500(260)
12	Flash Point, PMCC, °F(°C)	ASTM D 93			471(244)
13	Color, ASTM	ASTM D 6045		4.0	L2.5
14	Pour Point, °F(°C)	ASTM D 5949		26(-3)	3(-16)
15	Cloud Point, °F(°C)	ASTM D 2500			58(14.4)
16	Water Content	ERTM-1	PASS		PASS
<b>Chemical Properties</b>					
1	Acid Number, mg KOH/g	ASTM D 664		0.05	0.01
2	Aniline Point, °F(°C)	ASTM D 611	220(104)	240(116)	230(110)
3	Sulfur, wt%	ASTM D 4294			0.077
4	Sulfur, ppm	ASTM D 4294			771

**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.