

LUBBO[™] 1200

Pale Oil

This severely hydro treated naphthenic base oil is primarily developed as an aromatic replacement for use in the rubber industry. It has low pour point, a low odor level, excellent color, and resistance to discoloration by heat or ultraviolet light.

TEST DESCRIPTION	TEST METHOD	MARKETING SPECIFICATIONS		MARKETING VALUES
		Min	Max	
Physical properties				
Viscosity SUS@ 100°F(37.8°C)	ASTM D 445	1200	1300	1236
Viscosity SUS@ 210°F(96.9°C)	ASTM D 445			77.7
Viscosity cSt@ 40°C (104°F)	ASTM D 341			228
Viscosity cSt@ 100°C(212°F)	ASTM D 341			14.4
API Gravity 60°F (15.6°C)	ASTM D 1250			22.2
Specific Gravity 60°F(15.6°C)	ASTM D 4052			0.9206
Viscosity Gravity Constant	ASTM D 2501			0.8527
Density, lbs/ gal @ 60°F	ASTM D 1250			7.666
Molecular Weight	ASTM D 2502			459
Flash Point COC °F (°C)	ASTM D 92	400(204)		470(243)
Color ASTM	ASTM D 6045		3.0	L2.5
Pour Point °F(°C)	ASTM D 5949		25(-4)	3(-19)
Water Content	ERTM-1	PASS		PASS
Appearance	ERTM-2	PASS		PASS
Chemical Properties				
Acid Number, mg KOH/g	ASTM D 664		0.05	0.01
Aniline Point, °F (°C)	ASTM D 611	195.0 (90.6)	210.0(98.9)	201.7(94.3)
Sulfur, wt%	ASTM D 4294			0.079
Sulfur, ppm	ASTM D 4294			790
Health and Safety Properties				
Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
Modified Ames Assay	ASTM E 1687	PASS		PASS