

LUBND™ 60

Pale Oil

This severely hydro treated naphthenic base oil is primarily used in the metal working and compound 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	MARKETING SPECIFICATIONS		MARKETING VALUES
		Min	Max	
Physical properties				
Viscosity SUS@ 100°F(37.8°C)	ASTM D 445	50.0	65.0	60.0
Viscosity SUS@ 210°F(96.9°C)	ASTM D 445			34.1
Viscosity cSt@ 40°C (104°F)	ASTM D 341		12.0	9.6
Viscosity cSt@ 100°C(212°F)	ASTM D 341		3.0	2.3
API Gravity 60°F (15.6°C)	ASTM D 1250			28.2
Specific Gravity 60°F(15.6°C)	ASTM D 4052			0.8860
Viscosity Gravity Constant	ASTM D 2501			0.8577
Density, lbs/gal @ 60°F	ASTM D 1250			7.378
Molecular Weight	ASTM D 2502			280
Flash Point COC °F (°C)	ASTM D 92	295(146)		310(154)
Color ASTM	ASTM D 6045		0.5	L0.5
Pour Point °F(°C)	ASTM D 5949		-45(-43)	-77(-61)
Water Content	ERTM-1	PASS		PASS
Appearance	ERTM-2	PASS		PASS
Chemical Properties				
Acid Number, mg KOH/g	ASTM D 664		0.04	0.01
Aniline Point, °F (°C)	ASTM D 611	150.0 (65.6)	170.0(76.7)	164.7(73.7)
Sulfur, wt%	ASTM D 4294		0.050	0.013
Sulfur, ppm	ASTM D 4294		500	130
Health and Safety Properties				
Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
Modified Ames Assay	ASTM E 1687	PASS		PASS
FDA Regulation	21 CFR 178.3620 (C)	PASS		PASS