

LUBND™ 750

PALE OIL

This severely hydro treated 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	MARKETING SPECIFICATIONS		MARKETING VALUES
Physical properties		Min	Max	
Viscosity SUS@ 100°F(37.8°C)	ASTM D 445	750	800	772
Viscosity SUS@ 210°F(98.9°C)	ASTM D 445			64.1
Viscosity cSt@ 40°C (104°F)	ASTM D 341			144
Viscosity cSt@ 100°C(212°F)	ASTM D 341			11.0
API Gravity, 60 °F (15.6 °C)	ASTM D 1250			22.5
Specific Gravity, 60°F (15.6°C)	ASTM D 4052			0.9188
Viscosity Gravity Constant	ASTM D 2501			0.8563
Density, lbs/gal @ 60°F	ASTM D 1250			7.651
Molecular Weight	ASTM D 2502			422
Flash Point COC °F (°C)	ASTM D 92	395(202)		440(227)
Color ASTM	ASTM D 6045		2.5	L2.0
Pour Point °F(°C)	ASTM D 5949		10 (-12)	-12 (-24)
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	190.0 (87.8)	205.0(96.1)	194.8 (90.4)
Sulfur, wt%	ASTM D 4294			0.072
Sulfur, ppm	ASTM D 4294			720
Health and Safety Properties				
Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
Modified Ames Assay	ASTM E 1687	PASS		PASS