

## HyGold L2000

### Naphthenic Base Oil Marketing Specification

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		TYPICAL VALUES
		MIN	MAX	
<b>Physical Properties</b>				
Viscosity, SUS at 100°F (37.8°C)	ASTM D2161	2000	2400	2139
Viscosity, SUS at 210°F (98.9°C)	ASTM D2161			100.4
Viscosity, cSt at 40°C (104°F)	ASTM D445	367	435	390
Viscosity, cSt at 100°C (212°F)	ASTM D445	19.0	25.0	19.7
API Gravity, 60°F (15.6°C)	ASTM D1250			21.5
Specific Gravity, 60°F (15.6°C)	ASTM D4052			0.9249
Viscosity-Gravity Constant	ASTM D2501			0.850
Density, lbs/gal at 60°F	ASTM D1250			7.702
Density at 15.6°C, g/cm <sup>3</sup>	ASTM D1250			0.9239
Molecular Weight	ASTM D2502			500
Flash Point, COC, °F (°C)	ASTM D92	470 (243)		508 (265)
Flash Point, PMCC, °F (°C)	ASTM D93	437 (225)		460 (238)
Color, ASTM	ASTM D6045		4.0	L2.0
Pour Point, °F (°C)	ASTM D5949		30 (-1)	-7 (-22)
Water Content	ASTM D7546M		PASS	PASS
Appearance	ASTM D4176M		PASS	PASS
<b>Chemical Properties</b>				
Acid Number, mg KOH/g	ASTM D664		0.05	0.02
Aniline Point, °F (°C)	ASTM D611	200 (93)	215 (102)	208 (98)
Sulfur, ppm	ASTM D4294			926
<b>Health and Safety Properties</b>				
Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
Modified Ames Assay, MI	ASTM E1687		1	<1

HyGold L2000 is a product of Ergon Refining, Inc..  
March 7, 2026