

## HyGold P150BS

### Paraffinic Base Oil Marketing Specification

This severely hydrotreated paraffinic base oil provides excellent color and consistency.

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL VALUES
		MIN	MAX	
<b>Physical Properties</b>				
Viscosity, SUS at 100°F (37.8°C)	ASTM D2161			2471.6
Viscosity, SUS at 210°F (98.9°C)	ASTM D2161	145.0	155.0	148.1
Viscosity, cSt at 40°C (104°F)	ASTM D445			460.7
Viscosity, cSt at 100°C (212°F)	ASTM D445	29.0	32.0	30.2
API Gravity, 60°F (15.6°C)	ASTM D1250			26.8
Specific Gravity, 60°F (15.6°C)	ASTM D4052			0.8940
Viscosity Index	ASTM D2270	92		94
Viscosity-Gravity Constant	ASTM D2501			0.800
Density, lbs/gal at 60°F	ASTM D1250			7.454
Molecular Weight	ASTM D2502			731
Flash Point, COC, °F (°C)	ASTM D92	560 (293)		586 (308)
Color, ASTM	ASTM D6045		4.5	L3.5
Pour Point, °F (°C)	ASTM D5949		20 (-7)	18 (-8)
Cloud Point, °F (°C)	ASTM D5773		28 (-2)	18 (-8)
Noack Volatility, wt%	ASTM D5800			1
Water Content	ASTM D7546M	PASS		PASS
Appearance	ASTM D4176M	PASS		PASS
<b>Chemical Properties</b>				
Conradson Carbon Residue, wt%	ASTM D4530			0.4
Acid Number, mg KOH/g	ASTM D664			0.0
Aniline Point, °F (°C)	ASTM D611	255 (123.9)	270 (132.2)	262 (128)
Sulfur, ppm	ASTM D4294		500.0	167.7
Clay Gel, Saturates, wt%	ASTM D2007	75.0		80.0
<b>Health and Safety Properties</b>				
Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
Modified Ames Assay, MI	ASTM E1687		1	<1
FDA Regulation	21 CFR 178.3620 (C)		PASS	PASS

HyGold P150BS is a product of Ergon - West Virginia, Inc.  
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