

## HyGold P43

### Paraffinic Base Oil Marketing Specification

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL VALUES
		MIN	MAX	
<b>Physical Properties</b>				
Viscosity, SUS at 100°F (37.8°C)	ASTM D 2161	32	44	36.4
Viscosity, SUS at 210°F (98.9°C)	ASTM D 2161			30.2
Viscosity, cSt at 40°C (104°F)	ASTM D 445	1.8	5.2	3.0
Viscosity, cSt at 100°C (212°F)	ASTM D 445			1.3
API Gravity, 60°F (15.6°C)	ASTM D 1250			37.7
Specific Gravity, 60°F/60°F	ASTM D 4052			0.8363
Density, lbs/gal, 60°F (15.6°C)	ASTM D 1250			6.96
Flash Point, PMCC, °F (°C)	ASTM D 93	200 (93)		212 (100)
Color, Saybolt	ASTM D 6045			30
Pour Point, °F (°C)	ASTM D 5950			-22 (-30)
Water Content	ASTM D 7546M	PASS		PASS
Appearance	ASTM D 4176M	PASS		PASS
<b>Chemical Properties</b>				
Acid Number, mg KOH/g	ASTM D 664		0.05	0.01
Aniline Point, °F (°C)	ASTM D 611			170.4 (76.9)
Sulfur, ppm	ASTM D 7220			3
Aromatics, Total, %, w/w, HPLC	ASTM D 7419			3.56
				Dated: 5-28-2014

HyGold P43 is a product of Ergon - West Virginia, Inc.