

# LUBBSTOCK™ 150P

## Paraffinic Base Oil

This severely hydrotreated paraffinic base oil provides excellent color stability and consistency. It passes the IP 346 labeling requirement.

<u>Physical Properties</u>	<u>TEST METHOD</u>	<u>SPECIFICATIONS</u>		
		<u>MIN</u>	<u>MAX</u>	<u>MV</u>
Viscosity, SUS @ 100°F (37.8°C)	ASTM D 445			2527
Viscosity, SUS @ 210°F (98.9°C)	ASTM D 445	145.0	155.0	151.1
Viscosity, cSt @ 40°C (104°F)	ASTM D 341			471
Viscosity, cSt @ 100°C (212°F)	ASTM D 341			30.8
API Gravity, 60°F (15.6°C)	ASTM D 1250			26.8
Specific Gravity, 60°F (15.6°C)	ASTM D 4052			0.8939
Viscosity Index	ASTM D 2270	92		95
Viscosity-Gravity Constant	ASTM D 2501			0.8004
Density, lbs/gal @ 60°F	ASTM D 1250			7.450
Molecular Weight	ASTM D 2502			676
Flash Point, COC, °F (°C)	ASTM D 92	560 (293)		575 (301)
Color, ASTM	ASTM D 6045		4.5	L3.5
Pour Point, °F (°C)	ASTM D 5949		20 (-7)	10 (-13)
Cloud Point, °F (°C)	ASTM D 5773		28 (-2)	24 (-4)
Noack Volatility, wt%	ASTM D 5800			1.1
Water Content	WTP-OP-001	PASS		PASS
Appearance	WTP-OP-020	PASS		PASS
<b>Chemical Properties</b>				
Conradson Carbon Residue, wt%	ASTM D 4530		1.0	0.4
Acid Number, mg KOH/g	ASTM D 664			0.02
Aniline Point, °F (°C)	ASTM D 611	255.0 (123.9)	270.0 (132.2)	262.6 (128.1)
Sulfur, wt%	ASTM D 4294		0.050	0.0064
Sulfur, ppm	ASTM D 4294		500	64
Clay-Gel, wt%	ASTM D 2007			
Saturates		75.0		79.5
<b>Health and Safety Properties</b>				
Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
Modified Ames Assay	ASTM E 1687	PASS		PASS
FDA Regulation	21 CFR 178.3620	PASS		PASS