SANTOLUBES

SANTOLUBE

TECHNICAL DATA SHEET

SANTOLUBE® 150J LUBRICATING FLUID

SANTOLUBE® 150 Lubricating Fluid is a high viscosity synthetic hydrocarbon-based traction fluid that is especially designed for applications where high film strength is desired. This product has high coefficient of traction and is fortified with a proprietary additive system to enhance its antiwear and extreme load-carrying and high temperature properties. SANTOLUBE® 150J is essentially nontoxic, especially when proper hygienic practices are followed.

PRODUCT ATTRIBUTES

- High Traction Coefficient
- Corrosion and Rust Resistance
- Extended Fatigue Life of Rolling Elements
- Excellent Load Carrying Capacity
- Excellent Thermal and Oxidative Stability

TYPICAL PHYSICAL AND PERFORMANCE PROPERTIES[1]

Viscosity at 40°C – ASTM D 445, cSt	155	**Corrosion and Oxidation Test - ASTM D 4636 (FTM 791-5307/5308)** [121°C, 168h]	
Pour Point – ASTM D 97, °C	-15	*Metal Wt Change, mg*	0
Flash point – ASTM D 92, °C	165	*TAN Change*	0.1
Fire Point – ASTM D 92, °C	175	*Viscosity Change at 40°C*	4
Coefficient of Traction [1,500 rpm, 92.5 Kgf/mm^2], Average Value	0.09	**Foam Test – ASTM D 892**	
Shear Stability – ASTM D 5621 Viscosity Loss, %	20	*Seq. 1 (75°F)*	10/0
Total Acid Number – ASTM D 664 [mg KOH/g]	0.3	*Seq. 2 (200°F)*	20/0
Rust – ASTM D 665A	None	*Seq. 3 (75°F)*	0/0
Copper Corrosion – ASTM D 130 [100 °C, 3h]	1a	**Elastomer Compatibility – ASTM D 471** [Viton, Silicone, Teflon, Buna N]	Pass
Falex – ASTM D 3233, lbs to Fail	1400	**Bearing Metals (Steel/Copper) Compatibility**	Pass
Aniline Point – ASTM D 611, °C	77	**Operating Temp Range, °F**	10 to 330
4-Ball Wear Test – ASTM D 2266 [1500rpm, 40Kg, 2h], Scar Diameter, mm	0.43		

[1] Please note that these data are typical of samples tested in the laboratory and are not to be considered as sales specifications.

SANTOLUBES LLC (Santovac, Santotrac, Synergy Products)
P.O. Box 6740 Spartanburg, SC 29304 — Phone: 864-585-3661 (Fax: 864-208-1220)