



## TECHNICAL DATA SHEET

### SANTOLUBE® 150 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® 150 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<sup>1</sup>

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

<sup>1</sup> Please note that these data are typical of samples tested in the laboratory and are not to be considered as sales specifications.