



**TECHNICAL DATA SHEET**

**SANTOLUBE® EP-2 LUBRICATING GREASE**

SANTOLUBE® EP-2 Lubricating Grease is a high traction, high temperature grease with excellent thermal and mechanical stability. This grease is recommended for applications requiring operation at high temperatures, where high coefficient of traction is necessary. SANTOLUBE® EP-2 grease maintains high EHD film thickness and resists rolling contact fatigue. Under moderate to extreme pressure conditions, this grease offers the highest load transfer capability.

**ATTRIBUTES**

- ◆ Excellent Thermal Stability
- ◆ High EHD Film Thickness
- ◆ High Load Carrying Ability
- ◆ High Coefficient of Traction
- ◆ Excellent Oxidation/Corrosion Stability
- ◆ Reduces Vibration and Cable Slippage

**TYPICAL PHYSICAL AND PERFORMANCE PROPERTIES<sup>1</sup>**

<b>NLGI Grade</b>	2	<b>Dropping Point - ASTM D 566, °F</b>	350
<b>Appearance</b>	Brown	<b>Extreme Pressure Property</b>	
<b>Texture</b>	Smooth	<i>Timken, Ok Load, ASTM D 2509</i>	45
<b>Penetration – ASTM D 217</b>		<b>4-Ball Wear – ASTM D 2266</b>	
<i>60 Strokes</i>	290	<i>(200°F/1200rpm, 40Kg, 120 min) mm</i>	0.7
<i>10,000 Strokes</i>	287	<b>Roll Stability – ASTM D 1831</b>	
<i>100,000 Strokes</i>	289	<i>Initial Penetration</i>	74
<b>Compatibility with Plastic</b>	Pass	<i>Final Penetration</i>	80
<b>Compatibility with Viton Seals</b>	Pass	<i>Change</i>	6
<b>Oxidation Stability – ASTM D 942</b>		<b>Rust Test, ASTM D 1743</b>	Pass
<i>(100 hr Pressure Loss psi) 210°F</i>	9		

<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.