

Strilube® 5151 is synergistic additives blend specially developed for greases. The unique composition helps grease formulators to enhance the properties of the base grease in Anti-wear, Extreme Pressure, Corrosion Inhibition, and Oxidation stability.

### Physio-chemical properties

Tests	Test Method	Results
Appearance	Visual	Amber
Density at 29.5°C	ASTM D-1298	1.08 g/ml
Kinematic Viscosity at 40°C	ASTM D-445	35 cSt (Typical)
Flash Point	ASTM D-92	>100°C
Zinc Content	ICP-AES	4%
Sulfur Content	ICP-AES	15%

**Application:** Antiwear, Extreme Pressure & Rust Inhibitor additive package for Simple Lithium, Lithium Complex and Calcium Sulfonate complex greases.

**Typical Treat Rate:** 1-4% by weight

### Performance data in Simple Lithium base Grease

	Li Base Grease	Li Base Grease + 1% STRILUBE 5151	Li Base Grease + 3% STRILUBE 5151	Li Base Grease + 4% STRILUBE 5151
Penetration (Unworked)	271	271	271	273
Penetration (60 strokes)	272	272	272	273
<i>ASTM D-217</i>				
Drop Point	205°C	205°C	207°C	205°C
<i>ASTM D-2265</i>				
Four-ball wear	0.94mm	0.45mm	0.48mm	0.42mm
<i>ASTM D-2266</i>				

	<i>Li Base Grease</i>	<i>Li Base Grease + 1% STRILUBE 5151</i>	<i>Li Base Grease + 3% STRILUBE 5151</i>	<i>Li Base Grease + 4%STRILUBE 5151</i>
<b>Four-ball weld load</b> <i>ASTM D-2596 (welding point)</i>	<b>160 kgs</b>	<b>250 kgs</b>	<b>315 kgs</b>	<b>400 kgs</b>
<b>Timken OK Load Test</b> ASTM D-2509	-	<b>30 lbs</b>	<b>45 lbs</b>	<b>50 lbs</b>
<b>Copper Corrosion</b> ASTM D-4048 (24 hours, 100°C)	<b>1a</b>	<b>1a</b>	<b>1b</b>	<b>1b</b>

Note: Performance data is based on the base grease available with known process of synthesizing. Results may vary to some extent from base grease to base grease even for the same composition. It is recommended to confirm the performance of the additive in the base grease intended to use in the field.

**PACKING:** 190 Kg (419 lbs) closed head drum

**STORAGE CONDITIONS:** Store in a cool, dry place away from any direct source of heat and moisture. Maximum recommended storage temperature: 46°C (115°F)

**SOLUBILITY:** Soluble in petroleum and synthetic lubricant base stocks and most common solvents. Insoluble in water. However, it is recommended to verify the solubility in the base oils used and the compatibility with other additives.

**SHELF LIFE:** Best if used within 24 months from the date of manufacture.

**Manufactured by:**  
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