

# TECHNICAL DATA SHEET



## MARINE GREASE

**PRODUCT # 10320**

**NLGI GC/LB**

TEST	ASTM	TYPICAL
<b>Thickener Type</b>		<b>OBCS (Overbased Calcium Sulfonate)</b>
<b>Texture</b>		<b>Smooth, Tacky</b>
<b>Color</b>		<b>Deep Blue</b>
<b>Penetration</b>		
<b>0 Strokes</b>	<b>D-217</b>	<b>280</b>
<b>60 Strokes</b>	<b>D-217</b>	<b>280</b>
<b>High Temperature Wheel Life</b>	<b>D-3527</b>	<b>80</b>
<b>Timken OK Load, lbs</b>	<b>D-2509</b>	<b>65</b>
<b>Rust Prevention</b>	<b>D-1743</b>	<b>Pass</b>
<b>Water Wash-Out, % Loss</b>	<b>D-1264</b>	
<b>Test % Loss @ 175°F</b>		<b>2.75</b>
<b>Four Ball E.P. Test</b>	<b>D-2596</b>	
<b>Weld Point, Kg</b>		<b>500</b>
<b>Load Wear Index, Kgf</b>		<b>65</b>
<b>Four Ball Wear Test D, mm</b>	<b>D-2266</b>	<b>0.39</b>
<b>Oil Separation, Mass % Loss</b>	<b>D-1742</b>	<b>0</b>
<b>Leakage Tendency, g</b>	<b>D-4290</b>	<b>1.3</b>
<b>Oxidation Stability</b>	<b>D-942</b>	<b>10 Max @1000 hrs</b>
<b>Dropping Point, °F</b>	<b>D-2265</b>	<b>570</b>
<b>Fretting Protection, mg</b>	<b>D-4170</b>	<b>4.2</b>
<b>Base Oil Viscosity</b>	<b>D-445</b>	
<b>cSt @ 40°C</b>		<b>120</b>
<b>cSt @ 100°C</b>		<b>13</b>
<b>Viscosity Index</b>		<b>95 mm</b>
<b>Low Temperature Torque, -40°C Nm</b>	<b>D-4693</b>	<b>15.5 Max</b>

Lucas Marine Grease is a premium, extreme pressure, multi-purpose, heavy duty OBCS grease containing unique polymers, anti-wear agents and tackifiers with inherent rust and oxidation resistance to provide the highest performance properties. It has been designed to lubricate under the most severe operating conditions in marine applications and because of its adhesive properties, it effectively stays in place. Lucas Marine Grease provides excellent fresh water and salt water corrosion protection. Its fortified formula provides excellent extreme pressure properties, effective water resistance and shock loading protection as indicated by the typical weld point of 500 kg. The minimum industry standard is 200 kg. Lucas Marine Grease is a truly universal marine grease with applications in trailer wheel bearing, trailer chassis lubrication and outboards. It also has crossover applications in automotive wheel bearing and chassis lubrication. **NOT RECOMMENDED FOR CENTRALIZED DISPENSING SYSTEMS.**