

# TECHNICAL DATA SHEET



# MARINE GREASE

PRODUCT # 10320, 10321, 10322, 10660, 10682

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 grease of the overbased calcium sulfonate type with inherently superior corrosion resistance, resistance to water washout, mechanical stability and extreme pressure lubrication. Due to these properties, it is ideally suited for marine applications where these important properties are intrinsic to the grease and not the result of fortification with additives. Additionally, Lucas Marine Grease has excellent load-carrying capacity and resistance to oxidation. It contains no heavy metals (e.g. lead, arsenic or antimony) or other environmentally harmful additives such as phosphorus, chlorine or zinc. Lucas Marine Grease meets NLGI Certification GC-LB. Not recommended for centralized dispensing systems requiring NLGI consistency number of 1 or less.