

## TECHNICAL DATA SHEET



# HEAVY DUTY MINING & CONSTRUCTION GREASE

**PRODUCT # 10597, 10598, 10881**

**NLGI GC-LB**

### TEST

### ASTM

### TYPICAL

<b>Thickener Type</b>		<b>Lithium Complex</b>
<b>Texture</b>		<b>Smooth, Tacky</b>
<b>Color</b>		<b>Dark Gray</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>Timken OK Load, lbs</b>	<b>D-2509</b>	<b>70+</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>5.0</b>
<b>Four Ball E.P. Test</b>	<b>D-2596</b>	
<b>Weld Point, Kg</b>		<b>800+</b>
<b>Load Wear Index, Kgf</b>		<b>147</b>
<b>Four Ball Wear Test D, mm</b>	<b>D-2266</b>	<b>0.44</b>
<b>Oil Separation, Mass % Loss</b>	<b>D-1742</b>	<b>3.0</b>
<b>Wheel Bearing Leakage</b>		
<b>Test, 60 mph (660 RPM) - Grams Leakage</b>		<b>10 Max</b>
<b>Oxidation Stability</b>	<b>D-942</b>	<b>10 Max</b>
<b>Dropping Point, °F</b>	<b>D-2265</b>	<b>550+</b>
<b>Base Oil Viscosity</b>	<b>D-445</b>	
<b>40°C cSt</b>		<b>460</b>
<b>100°C cSt</b>		<b>19</b>

Lucas Heavy Duty Mining & Construction Grease is a smooth, dark gray, lithium complex grease fortified with 5% molybdenum disulfide to provide excellent shock loading protection in the most adverse operating conditions. Our product protects wrist pins and booms from wear and extends equipment life which reduces down time and improves productivity. Lucas Mining & Construction Grease contains state of the art polymer system to provide stay-in-place performance even under the harshest operating conditions. This product has excellent water resistance, rust and corrosion inhibition properties and outstanding extreme pressure properties with a Timken OK load of 70+ pounds and a 4-Ball weld point of 800+ kgs. Industry minimum standard is 200 kg.

Lucas Heavy Duty Mining & Construction Grease can be used with grease guns as well as in centralized dispensing systems found in industrial plants and heavy duty equipment. We recommend our grease in Caterpillar 994 series loaders and 5130 and 5230 series shovels, off-road trucks, construction equipment, agricultural equipment, logging equipment, mining equipment (heavy duty top loaders), rock crushers, oil field equipment, off shore drilling equipment and marine deck equipment. We also recommend its use in 5th wheels, wheel bearings, chassis's and steering linkages.

Lucas Heavy Duty Mining & Construction NLGI #2 grease is GC-LB certified and meets or exceeds OEM specifications.