

TECHNICAL DATA SHEET



HEAVY DUTY MINING & CONSTRUCTION GREASE

PRODUCT # 10597, 10598, 10881

NLGI GC-LB

TEST

ASTM

TYPICAL

Thickener Type		Lithium Complex
Texture		Smooth, Tacky
Color		Dark Gray
Penetration		
0 Strokes	D-217	280
60 Strokes	D-217	280
Timken OK Load, lbs	D-2509	70+
Rust Prevention	D-1743	Pass
Water Wash-Out, % Loss	D-1264	
Test % Loss @ 175°F		5.0
Four Ball E.P. Test	D-2596	
Weld Point, Kg		800+
Load Wear Index, Kgf		147
Four Ball Wear Test D, mm	D-2266	0.44
Oil Separation, Mass % Loss	D-1742	3.0
Wheel Bearing Leakage		
Test, 60 mph (660 RPM) - Grams Leakage		10 Max
Oxidation Stability	D-942	10 Max
Dropping Point, °F	D-2265	550+
Base Oil Viscosity	D-445	
40°C cSt		460
100°C cSt		19

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.