LUBEALLOY
SPECIALISED LUBRICANTS

LA 155 HAMMERHEAD AND DRILL GREASE

DESCRIPTION

LA 155 Hammerhead Grease is a synergistic mixture of clay thickened grease to provide outstanding performance in severe and hostile mining and industrial applications. This unique grease is formulated using premium high viscosity base oils that will provide exceptional resistance to oxidation and grease thickening at high temperatures, strong and effective anti-wear performance under high loads across frictional sliding surfaces and exceptional water resistance.

FEATURES

To meet the demands of high impact and sliding wear when operating hammer heads on attachments, LA 155 Hammerhead Grease is fortified with micro-colloidal Molybdenum Disulphide and Graphite additives to eliminate scuff and wear with anti-corrosion Copper fines to prevent heads from rust and corrosion when not in use. Due to the HV base oil formulation, LA 155 Hammerhead grease will not be wiped away or drip when used in the harshest of conditions and provides for extended machinery use.

MECHANICAL AND SHEAR STABILITY

LA 155 Hammerhead Grease, demonstrates a high degree of mechanical stability as it does not breakdown under high mechanical/sliding stress when in use and provides excellent storage stability which does not alter the consistency or release oil whilst in store. Exclusive polymer technology formulated into LA 155 eliminates shearing of the base oil under heavy loaded and continuous hammering and sliding operations.

TEMPERATURE PROTECTION

In areas of operation where extreme high temperatures are encountered, LA 155 demonstrates excellent resistance to grease leakage and oxidation from high temperature.

The recommended operating temperature range for LA 155 is from 0°C to 800°C. It can endure higher temperatures for short periods or if the lubrication frequency is increased. Under such arduous temperatures, the incorporation of Copper fines, Molybdenum Di-sulphide and Graphite will deposit a dry film boundary lubricant on surfaces to protect metal-to-metal wear and scuff.

BENEFITS

- Excellent mechanical stability
- Very high temperature performance
- Extended lubrication intervals at high temperatures
- Outstanding storage stability
- Reduced wear under shock loads and sliding motion conditions
- High 4-Ball Weld load index
- Superior resistance to water washout
- Pumpable at low temperatures

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APPLICATION

Concrete and Paving breakers, Tampers, Reamers, Riveting and Chipper Hammers, Jackhammer and Chisel, Rock Drills, Rock Breakers, Shock Cushion Sub Heads.

TYPICAL TEST	ASTM METHOD	LA 155
NLG1 Grade: 1.5		
Type: Organo Clay		
Appearance: Bronze		
Penetration, worked at 25°C after 60 strokes	D.217	295-310
Dropping Point °C	D.2265	>280+
Flash Point (COC), °C	D.92	>220
Water washout at 80°C,%	D.1264	1
Copper Corrosion Test	D.130	1A
Timken OK Load, Kg	D.2509	36
4-Ball Weld, Kg/f	D.2596	500
4-Ball Wear Scar, mm	D.2266	0.40
Rust Test	D.1743	Pass
Base Oil, cst at 40°C	D.445	169.3
Base oil, cst at 100°C	D.445	19.5