

MOLY HT LCX-2 680 HD & 1000 HD (Mining & Heavy duty bearing)

PRODUCT DESCRIPTION

MOLY HT LCX-2 680 HD & 1000 HD is molybdenum disulfide high temperature grease designed for mining, marine & industrial applications. **MOLY HT LCX-2 680 HD & 1000 HD** represents a new development in longer-lasting lubrication than conventional greases, high temperature lubrication greases are manufactured using highly refined selected premium high viscosity synergistic base oils, lithium complex thickener and contain small dosage of synthetic ester additive, special Mox-Active (Organo Molybdenum Complex) a German technology improvement additive & 4% to 5% molybdenum disulphide (MoS₂) for better high shocks load carrying, creates a passive film on friction surfaces before friction occurs. The “moly” provides a reserve protection should the lubricant be squeezed from the bearing surface. It has excellent water resistance washout, assures long re-greasing intervals, extend service life, reduces maintenance costs.

APPLICATIONS

- **MOLY HT LCX-2 680 HD & MOLY HT LCX-2 1000 HD** for a wide range of applications including those found in Mining & Marine industry in heavy duty construction, earthmoving, mobile equipments for heavily loaded off-highway & off-road construction equipments (bucket pins, bucket loaders, backhoes, articulated trucks), heavy duty fleets (fifth wheels, kingpins, slack adjusters, pins, and bushings), mining equipment (above- and below-ground bucket loaders) and industrial bearings.
- Heavy duty, slow moving plain and rolling element bearings operating in the severe environments under heavy shock loads, high & low temperatures, copious water presence and at high vibration levels for heavily loaded applications.
- Operating under higher temperature range from -20°C to +180°C in severe service applications, and also confers excellent mechanical stability so that the grease structure does not break down in service.
- Heavy duty applications: Steel, Sugar Mills, Marine, Mining & Construction equipments, Power generation, Paper & Chemical industry applications where severe operating and climatic conditions are experienced.

BENEFITS & FEATURES

- High base oil viscosity to provide excellent load carrying performance.
- Excellent EP properties leading to high shock load resistance
- Excellent mechanical stability thereby addressing high vibrating operations.
- High anti-rust and anti-corrosion protects bearing surface even when the grease is contaminated with water.
- Good lubrication even in presence of water, high resistance to water washout for equipment protection.
- Extended bearing life in wet environment for reducing maintenance costs and unanticipated downtime.
- High drop point enabling operations at high temperatures, good pump ability in centralized systems.

PROPERTIES

NLGI GRADE-2	MOLY LCX-2 680 HD	MOLY HT LCX-2 1000 HD
Colour & Appearance	Dark Grey & Smooth Tacky	
Thickener Type	Lithium-Complex	
Solid Lubricants	4% to 5 % MoS ₂ , EP & AW + Mox-Active	
Viscosity @ 40°C	680	1000
Work Penetration	265-295	265-295
Drop Point	+280	+320
Operating Temperature	-20°C to +180°C	-20°C to +180°C
Water Washout	1% max	0.8 max
4-Ball Weld Load in kgs	+620 to 800	+620 to 800
Rust test	Pass	Pass
Copper corrosion	1b	1b

POWERMAXX LUBE INDIA

Website: www.powermaxxlube.com Email: info.powermaxx918@gmail.com, info@powermaxxlube.com

Contact Number: 996748763, 7506973307