

MOLY HT LCX-2 220 plus HD (Moly + Lithium-Complex)

Powermaxx *MOLY HT LCX-2 220 plus* is Fibrizer, ID / FD & SA Fans, Chopper, Cane cutter, & leveller bearings, hopper bearings & Coupling's, Blades grease is Certified & Approved by NSF Organization from USA.

(Certified & Approved by NSF Organization, Company No: C077291 NSF registration No: 166844)

DESCRIPTION:

MOLY HT LCX-2 220 PLUS HD is molybdenum disulfide high temperature grease designed for mining, marine & industrial applications industrial applications. This grease is a new development in longer-lasting lubrication than conventional greases, high temperature lubrication grease are manufactured using highly refined selected high viscosity base oils, lithium complex thickener, 4% to 5% molybdenum disulphide (MoS₂) for better high shocks load carrying, high drop point, extreme temperature properties along with compatible friction, EP additive, rust and corrosion protection. The “moly” provides a reserve protection should the lubricant be squeezed from the bearing surface. It has excellent resistance to water washout, assures long re-greasing intervals, extended service life & reducing maintenance costs.

APPLICATIONS

- **MOLY HT LCX-2 220 PLUS HD** grease is suitable for Mining & Marine industry in heavy duty construction, earthmoving, mobile equipments for heavily loaded off-highway equipments.
- Heavy duty, medium & slow moving plain and rolling element bearings operating in the severe environments under heavy shock loads, high temperatures, copious water presence and at high vibration levels for heavily loaded applications such as Fibrizer Bearings, ID & ID Fan bearings and pins. 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 application: 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

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| NLGI GRADE-2 | MOLY HT LCX-2 220 PLUS HD |
| Appearance | Dark Grey & Smooth Tacky |
| Thickener Type | Lithium-Complex |
| Solid Lubricants | 4% to 5% MoS₂, EP & AW |
| Viscosity @ 40°C | 220 |
| Work Penetration | 265-295 |
| Drop Point | +280 |
| Operating Temperature | -20°C to 180°C |
| Water Washout | 1% max |
| 4-Ball Weld Load in kgs | +500 |
| Rust test | Pass |
| Copper corrosion | 1b |
| NSF registration No: | 166843 |



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Registration may be verified at
nsfwhitebook.org



Amy Jo McCardell

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NSF Nonfood Compounds
Registration Program
Company No: C0722971

Certificate of Registration

Powermaxx Lube India has achieved Registration status for MOLY HT LCX-2 220 PLUS to the NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2022) .

MOLY HT LCX-2 220 PLUS

Category Code: H2
NSF Registration No. 166844

This product is acceptable as a lubricant where there is no possibility of food contact (H2) in and around food processing areas. Such compounds may be used as lubricants, release agents, or antirust films on equipment and machine parts in locations in which there is no possibility of the lubricant or lubricated part contacting edible products.

Registration of this product is current when the NSF Registration Mark and Category Code appear on the product label reviewed by NSF, and the Registered product name is in the NSF White Book™ (www.nsfwhitebook.org).

Listing of all registered nonfood compounds by NSF International is not an endorsement of those compounds or of any performance or efficacy claims made by the manufacturer.

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