

SYNTHETIC MOLY HTXX-2 460 HD (Synthetic + Moly + Bentonite Clay)

DESCRIPTION: SYNTHETIC MOLY HTXX-2 460 HD grease is synthetic long life moly disulfide high temperature grease designed especially for metal industry, automotive & industrial applications. It contains antioxidants, anti corrosion and EP additives, solid lubricants containing MoS₂, Graphite, and bentonite clay thickener grease designed with high viscosity synthetic base oils to withstand water. These greases contain small dosage of synthetic (PAO) ester additive, special white solid lubricants Mox-Active (Organo Molybdenum Complex) a German technology improvement friction modifier additive & 4% to 5% molybdenum disulphide creates a passive film on friction surfaces before friction occurs, high drop point, optimum wear protection and an extremely low coefficient of friction even under extreme pressures, vibrations & heavy shock loads. Provide a heavier oil film for applications with excessive loading at slow and medium speed at high temperature. Lubrication at temperatures >400°C is very often poorly controlled. Use of traditional or even synthetic greases is not enough, or requires almost daily topping up. To resist decomposition or strong evaporation of the base oils at these extreme high temperatures, the solution is to employ non-conventional chemistries. **The synthetic base oils used are in particular: PAO (PolyAlphaOlefin) greases are composed of 100% synthetic base oil which provides longer lubrication.**

APPLICATIONS

- It is recommended for heavily loaded plain & anti-friction bearings applications in severe environments where continuous low & medium speed bearings with high loads intermittent with very high temperatures are experienced under heavy shock loads. Excellent performance over slip rings in sponge iron industries, steel rolling hot conveyors chains & bearing, industrial painting lines, Tyre moulds & Screwed assemblies, Oven racks and furnace hearth rollers, Oven fan bearings & Bearings for pre-heater rollers where non-melting grease is required.
- **Applications Industry:** Sugar, Steel, Cement, Pape, Chemical, Textile, Mining, Crushers, Screens, Kilns.

FEATURES /BENEFITS

- Non-melting point creates good water & heat resistance and are not affected by mild acids / alkalis.
- Good corrosion protection and oxidation stability with high drop point.
- Very high temperature greases allow not only lubrication at temperatures of the order of 280°C but also lifetime greasing in the range of -25° to 400°C.
- They simplify your greasing plans and systematically lead to a very important saving in labour, machine stoppages and bring significant improvement to equipment lifetime.
- Extends bearing life through superior performance, gives longer re-greasing interval, high protection against seizure and wear, reduced temperatures in load zones & avoiding expensive repairs.
- Reducing grease consumption & low cost gives immediate monetary savings.

PROPERTIES

GRADE	MOLY HTXX-2 460 HD
Available NLGI	1 & 2
Appearance	Grey Black, Smooth & Tacky
Thickener	In Organic Bentonite Clay
Solid Lubricants	15% Graphite & 5 % MoS ₂ (moly) + Mox-Active + PAO Ester
Viscosity @ 40°C Cst	Synthetic - 460 Cst
Work Penetration	265-340
Drop Point	+320 (non- drop point)
Operating Temperature	-25 to 400
Water Washout	1% max
Weld Load	+500 to 620

POWERMAXX LUBE INDIA