

SYNTHETIC MOLY HTXX-2 460, 1000, 1500 HD (Synthetic + Bentonite Clay)

DESCRIPTION: SYNTHETIC MOLY HTXX-2 460,1000, 1500 HD grease is synthetic long life moly disulfide high temperature grease designed for automotive and industrial applications. It contains antioxidants, anti corrosion and EP additives, solid lubricants containing (MoS₂ & Graphite, copper, zinc...) and bentonite clay thickener grease designed with high viscosity synthetic base oils to withstand water. Provide a heavier Oil film for applications with excessive loading at slow speed & high temperature. Lubrication at temperatures >600°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 temperatures, the solution is to employ non-conventional chemistries
The synthetic base oils used are in particular: PAO (PolyAlphaOlefin)

Synthetic greases are composed of 100% synthetic base oil which provides longer lubrication.

APPLICATIONS

- Conveyors, industrial painting lines, Tyre moulds & Screwed assemblies...
- Oven racks and furnace hearth rollers, Oven fan bearings & Bearings for pre-heater rollers.
- Excellent performance over slip rings in sponge iron industries.
- Versatile applications for Sugar mills bearings, Steel, Cement mill journals, chemical plants, textile and construction and paper mills where grease is exposed to very wet conditions, mining and process plants, where crushers, screens and kilns are operated at high temperatures.

FEATURES /BENEFITS

- Good water, heat resistance and are not affected by mild acids / alkalis
- Good corrosion protection and oxidation stability with high drop point.
- Non-melting point, excellent resistance to water washout.
- 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 600°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.
- Reduced temperatures in load zones = Improvement in equipment.
- Lifetime Sealing maintained = reduction in grease consumption.

PROPERTIES

GRADE	MOLY HTXX-2 460 HD	MOLY HTXX-2 1000 HD	MOLY HTXX-2 1500 HD
NLGI	2	2	2
Appearance	Grey Black, Smooth & Tacky		
Thickener	In Organic Bentonite Clay		
Solid Lubricants	15% Graphite & 5 % MoS ₂ (moly)		
Viscosity @ 40°C Cst	Synthetic - 460 Cst	Synthetic -1000 Cst	Synthetic -1500 Cst
Work Penetration	265-295	265-295	265-295
Drop Point	+320 (non- drop point)		
Operating Temperature	-20 to 400	-20 to 600	-20 to 600
Water Washout	1% max	1% max	1% max
Weld Load	+500 to 620	800	800

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