

# HTXX-2 460 & MOLY HTXX-2 460, 1000, 1500 HD (Bentonite Clay)

## DESCRIPTION:

HTXX-2 460 & MOLY HTXX-2 460, 1000, 1500 HD grease is long life moly disulfide high temperature greases designed for automotive and industrial applications. This grease formulated with extreme pressure (EP), anti-wear package, fortified with synergistic combination with powerful balanced blend of Bentonite Clay and solid lubricants containing Molybdenum disulphide (MoS<sub>2</sub>) in a heavy duty, high film strength Cylinder Mineral virgin base oil and does not contain any asphalt or chlorinated solvent. Provide a heavier Oil film for applications with excessive loading at slow speed & high temperature. It's Superiority in water resistance, oxidation stability, corrosion protection and high dropping point makes it a unique choice for rugged application requirements. They give excellent lubrication for extended time periods, in wet or dry applications, and over a wide range of temperatures for open gears & bearings.

## APPLICATIONS

- These greases are used in applications where bearings are exposed to high shock loads and vibration, high temperature & speed both exist in indoors and outdoors, in both cold and high temperature applications. It has been designed to lubricate - Journal, Roller & Sleeve bearings, Transmission brasses, Crown wheels, Transmissions open gears, Crystallizer transmission gears & Rotating dryer gears with the capability to resist the permanent attack of pollutants as steam vapour, water, juice and trash.
- **Application Industry** where large heavy loaded in roller journal bearings, Sleeve bearings & large girth gear drives are strongly recommended in Sugar mills, Steel, Paper, Mining, Cement, Chemical, Power plants, Marine & Offshore. It can be applied by high pressure spray systems but, immersion or circulation lubrication is possible too. It is suggested for heavy duty gear drives working at low speeds.
- Versatile applications for heavy duty off-highway equipment, axles, ball joints, universal joints, couplings, power take-offs, kingpins, bushings and disc brakes, Dockside and ship crane ropes, and Drag lines, Rigs (back-up legs), wheel-drive gears, Slipper drives, Dipper sticks on excavating shovels,

## FEATURES /BENEFITS

- Good water, heat resistance and are not affected by mild acids / alkalis
- Good corrosion protection and oxidation stability with high drop point
- Good low temperature pump ability
- Good wear protection and Long lasting lubrication
- Non-melting point, excellent resistance to water washout.

## PROPERTIES

GRADES	HTXX-2 460	MOLY 460 HTXX-2 HD	MOLY 1000 HTXX-2 HD	MOLY 1500 HTXX-2 HD
NLGI Grade	0, 1, 2, 3			
Color & Appearance	Golden Brown	Dark Grey (Smooth & Tacky)		
Thickener	Bentonite Clay (Inorganic)			
Solid Lubricants	-	5% MoS <sub>2</sub> (Moly)		
Viscosity @ 40 °C	460	460	1000	1400
Work Penetration	265-295	265-295	265-295	265-295
Drop Point	+320	+320	+320	+320
Operating Temp in °C	-20°C to 220°C	20°C to 220°C	20°C to 220°C	20°C to 220°C
Copper corrosion	1a	1a	1a	1a
Weld Load	+500	+620	800	+800

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