

HTXX 460 & MOLY HTXX 460, 1000, 1500, 2500 HD (Bentonite Clay)

DESCRIPTION: HTXX 460 & MOLY HTXX 460, 1000, 1500, 2500 HD grease is long life moly disulfide high temperature greasedesigned 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 (MoS2) 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 applicationrequirements. 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

- **Applications:** These greases are used in bearings & heavy duty gear drives working at high temperature & low speed and also exposed to high shock loads and vibration, both exist in indoors and outdoors, in both cold and high temperature applications. It has been designed to lubricate where large heavy loaded in journal, roller & sleeve bearings, large girth gear drives, 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. It has strongly recommended industry 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.
- 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

- Non-melting high drop point ensures extended operating temperature range upto -20°C to 220°C.
- Excellent resistance to water washout, heat resistance and are not affected by mild acids / alkalis.
- Good corrosion protection, gear wear protection and oxidation stability long lasting lubrication.
- Excellent flow & low temperature pump ability for automatic centralized and Individualized systems.
- Thermally stable, can withstand high shock loads, and minimizing metal to metal contact.
- You can work with your breaker for long, continuous periods, even in warmer climates.
- Low consumption, Immediate monetary savings, extends bearings life and gives longer relubrication intervals. High protection against seizure and wear, avoiding expensive repairs.

PROPERTIES

GRADES	HTXX-2 460	MOLY HTXX 460 HD	MOLY HTXX 1000 HD	MOLY HTXX 1500 HD	MOLY HTXX 2500 HD
NLGI Grade	0, 1, 2, 3				
Color & Appearance	Golden Brown	Dark Grey (Smooth & Tacky)			
Thickener	Bentonite Clay (Inorganic)				
Solid Lubricants %	-	5 to 10% MoS2 (Moly)			
Viscosity @ 40 °C	460-500	460-500	1000-1200	1500-1800	2000-2500
Work Penetration	220-385	220-385	220-385	220-385	220-385
Drop Point	+320	+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	20°C to 220°C
Copper corrosion	1a	1a	1a	1a	1a
4 Ball Weld Load	+500	+620	800	+800	+800

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