

G-ALX HTXX-2/000 HD GREASE (Aluminum-Complex)

(Heavy duty Semi synthetic grease, especially for use on medium-size to large girth gear drives, Rotary Grinding Mills & Kilns)

DESCRIPTION: G-ALX HTXX-2/000 HD is a heavy duty & high temperature grease for very high powered medium to large size with low speed gear drive to large girth gear drives, rotary, grinding mills & kilns. It is formulated with extreme pressure, anti-wear additives package with high viscosity synergistic base oil combination with powerful balanced blend of Aluminum- Complex and 15% - 16% solid lubricants (high purity ultra-fine mono crystalline graphite) in a heavy duty application provides thicker and stronger film stability.

G-ALX HTXX-2/000 HD gives high protection by minimizing metal-to-metal contact and reduces friction, wear at minimal consumption. It contains small dosage of synthetic (PAO) ester additives with special white solid lubricants Mox-Active (Organo Molybdenum Complex) a German technology improvement additive creates a passive film on friction surfaces before friction occurs, optimum wear protection, vibrations & heavy shock loads. All of this turn reduces maintenance cost and extend the life of equipment and friction elements avoiding seizure & expensive repairs. This product has been developed to withstand extremely heavy load, slow moving, large open gear drives operating in very hostile environments. Due to its high solid content and Aluminum- Complex thickener it will not slide down the shank of the tool during its operation.

FEATURES /BENEFITS

- Good water, heat resistance and are not affected by mild acids / alkalis.
- Good corrosion protection and oxidation stability with high drop point.
- Excellent flow and pump-ability for automatic centralized and Individualized systems.
- Thermally stable, can withstand high shock loads, and minimizing metal to metal contact.
- High drop point ensures extended operating temperature range upto -20°C to 180°C.
- Good low temperature pump ability, Good wear protection and Long lasting lubrication.
- 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.

APPLICATIONS

- G-ALX HTXX-2/000 HD has been designed to lubricate: Rotary Mills, Grinding Mills, Kilns, Shovels, Draglines, Calciners, Journal, Roller & Sleeve bearings, Transmission brasses, Crown wheels, Transmissions open gears & Crystallizer transmission gears & Rotating dryer gears.
- **Application Industry:** Sugar, Steel, Paper, Mining, Cement, Chemical, Marine & Offshore.
- G-ALX HTXX-2/000 HD can be applied by high pressure spray systems, immersion, transfer paddle wheel, pressure fed circulation and total loss spray lubrication systems. It is suggested for heavy duty gear drives working at low speeds.

PROPERTIES OF G-ALX HTXX-2/000 HD

SPECIFICATIONS	460	680	1000	1500	2000	2500	6000
NLGI Grade available	2, 1, 0, 00, 000						
Colour & Appearance	Dark Grey, Smooth & buttery						
Thickener Soap	Aluminum-Complex						
Solid Lubricants %	15% to 16% ultra-fine crystalline graphite + Mox Active + PAO Ester						
Viscosity @ 40°C, Cst	450-500	650-720	900-1100	1400-1600	1900-2200	2400-2600	5800-6400
Work Penetration	265-475	265-475	265-475	265-475	265-475	265-475	265-475
Drop Point	+260	+260	+260	+260	+260	+260	+260
Service Temperature	-20°C to 180°C						
Weld Load	+800	+800	+800	+800	+800	+800	+800

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