

ULTRA LC HT PLATINUM GREASES

EXTREME PRESSURE MP HIGH TEMP GREASE

DESCRIPTION

Ultra LC-HT Greases are heavy duty lithium complex grease formulated with antioxidants; anti-corrosion, rust inhibitors and EP additives, lithium-complex thickener grease designed with high viscosity mineral oils to stand with water provide a heavier oil film for applications with excessive loading at slow and medium speed & high temperature. It possesses resistance to water washing and provides effective protection against rust and corrosion for both ferrous and non-ferrous metals for extreme pressures. These greases are specially developed for application areas where extensive water contact or presence, vibration & high shock loads are there and gives outstanding performance.

APPLICATIONS

- Ultra LC-HT greases are recommended where continuous Low & Medium Speed bearings with high loads intermittent very high temperatures are experienced.
- It is recommended for application for high temperature application in slip seal in KLINS of sponge plants where vibration, shock loads and non-melting grease is required.
- It can also be used in ambient temperature applications where high resistance to water washing is needed at medium & low speed bearings. Applications for Steel, Sponge Iron plants & Screens, Cement, Sugar, Mining, Marine, Paper Mill & Chemical Industry.
- Paper Mills: Pneumatic Cylinder Drives used on Control Valves, Valve Studs and Bolts, Chain Motors, High Speed Electrical Motors, Dryers, Pulp Washers, Fan Bearings, Cone Crusher Bearings and several Paper Machine Applications etc.

ADVANTAGES & BENEFITS

- Reduced wear under heavy shock and vibration for good equipment reliability and availability.
- Protection against rust and corrosion and resistance to water washout for equipment protection and good lubrication even in presence of water.
- Extended bearing life in wet environment for reduced bearing costs and unanticipated downtime.
- Good pump ability in centralised systems.
- Resistant to copper and steel corrosion which helps to prevent rust and oxidation on metal surfaces.

Typical Properties

Properties	HT 460	HT 680	HT 1000
NLGI Grade	2		
Appearance / Structure	Golden,Amber & Smooth		
Soap Type	Lithium Complex		
Worked Penetration @25°C , after 60 strokes , 0.1 mm units	265 - 295		
Drop point	+280		
Viscosity, Kinematic @40°C ASTM D445	460	680	1000
Copper Strip Corrosion @ 100°C for 24hrs	1A		
Four - Ball Weld Load , Kg , Min	+650	+720	+720
Rust Prevention Grease (Emcor)	0\0		
Operating Temperature Range	20 to +180°C		

The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous edition.

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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