



NATURAL HIGH PERFORMANCE



HIGH TEMPERATURE GREASE (HT110)

Low Speed Bearing Grease
Natural Lanolin Derivative
Temperature Rating > 300deg C
Reduction in Galling
Anti-Seize / Moisture Barrier
Easy Release
High Lubricity
Environmentally Safe



NATURAL PRODUCTS WITH COUNTLESS SOLUTIONS



HIGH-TEMPERATURE LANOLIN GREASE (HT110)

Superior Corrosion Protection, Natural High Performance

High Temperature Lanolin Grease is HT110 specially designed for escalator chains and bearings, conveyor bearings or similar applications. With a soft formulation that is a combination of natural derivatives derived from lanolin lubricant which is a paste that can easily be applied via cartridge or similar for simple, direct in situ application.

FEATURES

- Salt, Acid and alkali resistance
- Protects against cathodic corrosion
- Non Perishing to rubber
- Class, Non-Hazardous
- For use with all metals
- Di-electric properties to 70kV
- Food Grade Accepted
- Super Low Eco-Toxic,
- Eco and Environmentally Safe
- Safe to use, store and dispose



SOME APPLICATIONS

- Bearings in a wide range of applications
- Electrical motors - small to medium
- Escalators
- Industrial fans
- Water pumps.
- Rolling bearings in textile,
- Paper processing and drying machines.
- Medium and high speed ball (and roller) bearings operating at medium and high temperatures.
- Clutch release bearings,
- vertical shaft applications
- kiln truck and rollers.

BENEFITS

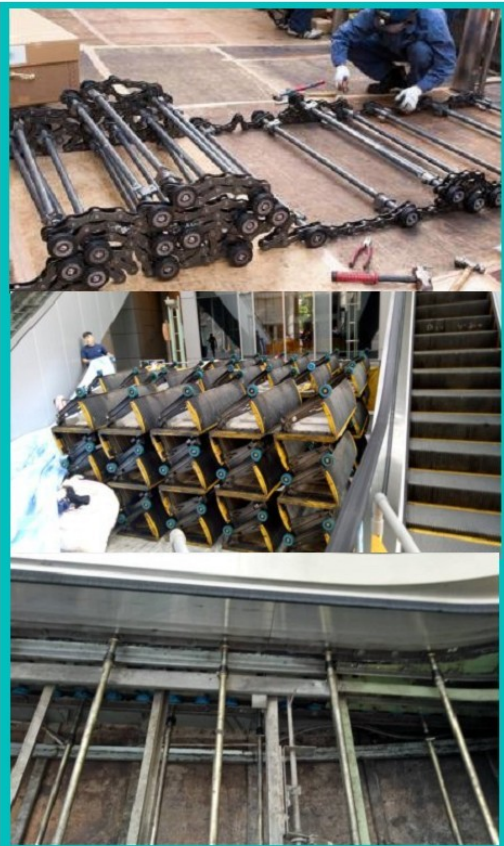
- Superior Natural Lubricant - nature provides all the protection that is added into petroleum based products. "its all natural" all lanolin.
- Excellent anti seize with an extremely high yield point thereby preventing wear and reducing galling and seizing.
- Reduces friction and damage to surfaces.
- Provides good protection against fretting corrosion.
- Low opening torque for non destructive dismantling of bolts and other thread parts during maintenance.
- Displaces moisture.
- High thermal and mechanical stability. Resists breakdown in high temperatures and temperature variation.
- Protection between all metals from cathodic corrosion.
- Meets the criteria for approval for production and manufacturing environments where there may be incidental contact with food, therapeutic goods or similar products and is free from allergens, including pollens, nuts and grains.
- Lubricates all surfaces and will not wash off.
- Eco-friendly, can be used around waterways in all environments with confidence.



ROLLER BEARINGS

High Temperature Grease HT110 is a blend of natural lanolin greases with a softening agent to make it into a paste. It has been tested for high temperature applications, it performs well under load and bearing temperatures in the lower to medium speed range such as roller bearing for conveyors.

As part of a regular preventative maintenance program it ensures equipment is working at maximum efficiency and eliminates costly repairs and downtime.



MAINTENANCE PROGRAMS ESCALATORS

The reliability and efficiency of your elevator system ultimately depends upon the maintenance program you choose and what you choose to continue to lubricate and protect the chain and bearings. High temperature Grease HT110 is formulated from natural derived ingredients. Eco friendly, it is a replacement for synthetic and/or petroleum based greases. No additives, safe to use, can be cleaned off using Lantos Citra-Prep CP250 High Strength Degreaser.

All Lantos lanolin products are, high-film strength natural wool grease lubricants designed to lubricate the chains of escalators, moving side walks and elevator doors plus more....

Lanolin makes the difference by forming a tough, slippery, micro film on all metal surfaces.

This film significantly improves lubrication:

- first, by increasing oil film thickness and
- second, by increasing oil film toughness, both of which help to prevent metal-to-metal fatigue.

High Temperature Grease HT110 significantly improves equipment reliability while reducing lubricant consumption by as much as 70%.

It also reduces noise levels and extends the life of chains and other high wear components.

Where a liquid solution is required use Lanolube HG735 Fluid Film.



BELT CONVEYOR

Provides a superior lubrication and corrosion protection for all metal parts and assemblies. Especially effective against Acid, Salt and Alkali. Continues to perform when loaded bearings are heated. Lanolin does not break down after heating, the film integrity remains intact and it will continue to perform at a high level through a regular maintenance cycles.

Provides dielectric protection for all electrical components Displaces moisture, giving further protection to external parts.

All Lantos Coatings lanolin products, are derived from natural Lanolin Derivative

PREPARATION:

- Remove any oil and clean using Lantos Citra-Prep 250 High Strength Degreaser.
- Apply on a clean dry surface where possible.
- Melt and apply with a paintbrush for heavier protection / rejuvenation.

APPLICATION:

- As an anti Seize, coat onto bearings, wipe of any excess.
- Smear grease between dissimilar metals before tightening.
- Smear 'O' & "V" Rings and seals to prevent deterioration.
- Can be used as a soft seal gasket.
- Can be used directly onto noisy belts as a belt dressing.

REAPPLICATION:

- Visual inspection is recommended regularly until a suitable service interval has been identified.

REMOVAL of High Temperature Grease HT110

To remove use Lantos Citra-Prep 250 High Strength Degreaser.

| PHYSICAL CHARACTERISTICS | |
|--|---|
| Appearance | Opaque Dark Brown Semi Solid |
| Melting Point/Range (°C): | > 60 |
| Flash Point (°C): | Not Determined |
| Specific Gravity/Density (g/ml @ 15°C) | 0.94 |
| pH: | Neutral |
| Chemical Stability: | Stable at room temperature and pressure |
| Reactivity: | Excessive heat, oxidising agents, mineral acids, strong alkalis |
| Dielectric | 70kVa |

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