



# LANOLIN GREASE LG100

Multi Purpose - Anti Seize - 100% Lanolin Grease

## Eco-Industrial Product



**NATURAL PRODUCTS WITH COUNTLESS SOLUTIONS**



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Multi Purpose - Anti Seize - 100% Lanolin Grease

Lanolin grease is a thick and light tacky water repellent product that acts as a superior natural lubricant. The grease forms a high level moisture barrier, is highly resistant to salt and acid penetration, and provides excellent corrosion protection, lubricity, and anti-seize advocacy. Unlike other forms of corrosion protection, it does not 'wash away'.

## Features

- Acid, Alkali & Salt resistant
- Class, Non-Hazardous
- Di-electric properties to 70kV
- Food Grade approved
- Non Perishing to rubber
- Stops galling & binding
- Super Low Eco-Toxic,
- Eco Friendly
- Derived from renewable resources
- Safe to use, store and dispose

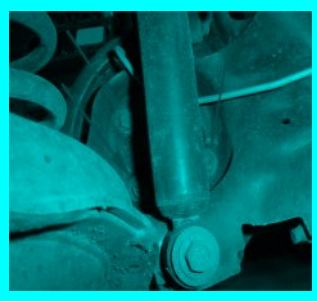


## BENEFITS

- Comparable performance for general lubricant activity with standard petroleum-based 'Type A' greases.
- Aids protection and maintenance routines for industrial and professional tools: provides lubricity between metal surfaces, slip on threads, and creates a corrosion barrier between uses.
- Stops galling and lubricates all contact surfaces.
- Resistant to high temperatures and variation of temperatures.
- Performs as a self-healing corrosion protection sealant.
- Guards against harsh salt-water environments, cathodic corrosion, and other oxidation.
- Eco-friendly: suitable for use around waterways and aquatic life with confidence.

## MARKET APPLICATIONS

- Agriculture, Ag bikes, vehicles
- Automotive
- Aviation
- Crane / Lift and Shift
- Commercial construction
- Earth Moving equipment
- Forklift
- Industrial Equipment
- Marine
- Mining
- Rail and Transportation



### **Anti-Seize**

Lanolin Grease LG100 is used on the threads of fasteners and other fittings to prevent binding and galling of mating surfaces - Lanolin Grease LG100 is frequently used with stainless steel fasteners to prevent this effect from occurring. In some applications it is used to improve corrosion resistance to allow the parts to be subsequently disassembled. It also provides a barrier to water penetration since the threads are sealed by use of the Lanolin Grease LG100.



### **Battery Terminals and connections**

LG100 Grease is tested to 70kV dielectric potential, which indicates its safety when used with electrical systems. LG100 can be used safely as a moisture film in and around electrical circuits to limit corrosion and maintain systems.



### **240 Volt Terminal Boards**

Lanolin Grease LG100 is Di-electric to 70kv, suitable for all terminals connectors and as Anti-seize for bolt connections. LG100 can be used safely as a moisture film in and around electrical circuits to limit corrosion and maintain systems.

Ideal for use in salt air environments where boards are exposed to the elements or where electric mains supply is exterior to the home.



### **Wire Rope Protection 16mm to .....**

Lanolin Grease LG100 the ability to penetrate into the core of wire ropes - providing internal protection and lubrication - at the same time leaving a protective and lubricating film on the outer strands to prevent moisture ingress and is acid, salt and alkali resistant.

Unlike other forms of corrosion protection it does not “wash away”.

### **O Ring and General Seal Protection**

Lanolin Grease LG100 is approved for use in situations of incidental food-contact, such as conveyors, packaging and labelling equipment for food preparation. The nature of the product ensures that there are no hydrocarbons or related ingredients that are prone to swelling rubbers and other seals in this style of food preparation equipment, or other machinery. Wear and deterioration of o-rings is inhibited with the use of the protective lubricant LG100.

- Broad elastomeric compatibility.
- Undamaged by — and non-reactive with — acidic or caustic cleaners and disinfectants, steam, moisture and high temperatures.
- Zero environmental footprint.
- Chemically and biologically inert and silicone-free.
- Contains no volatile organic compounds (VOC) materials or chlorine.



All Lantos Coatings lanolin products, are derived from natural, sustainable ingredients from natural derivatives of lanolin.

## PREPARATION:

- Remove any oil and clean using Lantos Citra-Prep 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 thread and under side of bolt head, wipe off any excess.
- Smear grease between dissimilar metals before tightening.
- Smear 'O' Rings and seals to prevent deterioration.
- Can be used as a soft seal gasket.
- Can be easily applied to wire rope using either the Masto or Viper applicator.
- Can be used directly onto noisy belts as a belt dressing.

## REMOVAL OF LANOLIN GREASE LG100

To remove use Lantos Citra-Prep High Strength Citrus degreaser CP250

Physical Characteristics (Typical)	
Appearance	Opaque, honey-coloured semi-solid
Boiling Point/Range (°C):	> 60 MP
Flash Point (°C):	Not determined
Specific Gravity/Density (g/ml @ 15°C):	0.92
pH:	Neutral
Chemical Stability:	Stable at room temperature and pressure
Reactivity:	Excessive heat, oxidising agents, mineral acids, strong alkalis
Di-electric	70 kV

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