

For when the going gets tough!

Corrosion Inhibitor | Lubricant | Spray-on Anti Seize



- FEATURES:**
- Food Grade
 - Low Toxicity
 - Low Eco-Toxicity
 - Non Evaporative
 - Derived from natural, sustainable ingredients
 - Hermetically seals surface
 - Good resistance to mineral acids/salts
 - Resists wash off
 - Non conductive to 70kV

Size	Part No.	Size	Part No.
400g Aerosol	HD\PP-0400	20 Litre	HD\0020
750ml Spray	HD\SP-0750	200 Litre*	HD\0200
5 Litre	HD\0005	1000 Litre*	HD\1000

Accessories - Empty Applicator Bottles with label

750ml Spray	AC\PB-0750HD	1.5L Pump-Up	AC\PS-1500HD
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*requires agitation equipment

- CONTENTS:** Lanolin, blended with an evaporative carrier to enable ease of application and enhance penetration

APPLICATIONS:

- For long lasting lubrication and protection of moving parts in a highly corrosive environment
- Penetration, lubrication and protection of wire ropes & slings
- Lubricant for all industrial chains (incl. forklift, X-Ring & O-Ring) - non fling & non webbing
- Marine grade protectant & lubricant
- Lubricates & protects pulleys, blocks, swivels, cables & chains
- Protection of electrical equipment including battery terminals, boxes, connectors, outboard motors & pumps
- Lubricates electrical cable for pulling through conduit
- External protection of critical spares and components
- Spray on anti-seize

PHYSICAL PROPERTIES:

- **Appearance:** Light brown liquid with distinctive wool fleece & solvent odour
- **Boiling Point/Range (°C):** >150
- **Flash Point (°C):** >65
- **Specific Gravity (g/ml @ 20°C):** 0.89
- **Viscosity (cSt @ 25°C):** 32.7
- **Water Miscibility:** Immiscible

STORAGE & TRANSPORT:

- Aerosol classed as Dangerous Goods for transport and storage (UN 1950; DG 2.1 2YE)
- All other sizes are not classified as DG
- Keep in cool, dry, well ventilated place
- Keep out of reach of children
- Shelf life - 7 years if kept sealed in reasonable conditions

For safe handling of this product, please consult the Safety Data Sheet (SDS)



Always read entire label before using product

PREPARATION:

- Lanotec Heavy Duty will give best results when applied to a clean, dry surface.
- It is understood that not all areas can be cleaned or dried before application, but the application of Heavy Duty will give far more benefits on a dirty surface than not applying Heavy Duty at all.
- Remove sources of ignitions, voltage and flame before use
- Lanotec Heavy Duty is soluble in oil, and therefore light oils on machined parts do not need to be removed before lubricating.
- Where short term mothballing of equipment is the ultimate aim, a good clean with a powerful degreaser before application of Lanotec Heavy Duty will give best results. Lanotec recommends Lanotec PowaWash or Lanotec Citra-Force.
- If using on rough sawn timber, refer to Lanotec Timber Seal PLUS Data Sheet for additional preparation and application information. Use Heavy Duty in place of Timber Seal PLUS.

APPLICATION:

- Shake container to ensure product is mixed correctly. Colder climates will require extra agitation.
- Lanotec Heavy Duty can be applied via spray, brush, roller or lambs wool applicator.
- Lanotec provides a 750ml trigger bottle and a 1.5L pump up pressurised sprayer, for small to medium lubrication jobs. For larger jobs recommended application is via a pump-up garden-type sprayer with Viton seals.
- When applying to objects via spray, hold 30cm away from object and apply to area requiring lubricating or protecting.
- For chains spray onto chain for one rotation only. Additional rotations will result in a waxy build up.
- For wire ropes, spray on, then rotate rope 180° and spray other side; or submerge in a bath or dip tank of Lanotec Heavy Duty.
- Allow one hour drying time before putting equipment to use.
- If dust adhesion is undesirable, Lanotec Heavy Duty can be buffed to stop dust adhering. Dust and dirt adhesion is only to the protective coating, and when coating is removed equipment will revert back to original appearance.

REAPPLICATION:

- Visual inspection is recommended daily until a suitable service interval has been identified. Reapply where required during service intervals.
- On average, Lanotec Heavy Duty needs to be applied half as often as petroleum based lubricants.
- Wipe dirt and dust away from surface.
- Reapply as per application instructions above.

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TESTING:

Heavy Duty Liquid Lanolin has been tested by independent NATA certified laboratories using the following:

Australian Standard test methods

- AS 1580.460.2 - Resistance to Acid & Alkali - Good acid resistance
- AS 2380 Clause 4.2 - Flameproof enclosure - Complies with standard

Other Testing

- High Voltage Testing (Energex) - dry tested to 70kV - non conductive
- Chemical Analysis (ETRS) - contains no heavy metals

To date Heavy Duty Liquid Lanolin has not been tested to AS 2331.3.1 - Neutral Salt Spray (Corrosion). However as Heavy Duty Liquid Lanolin contains 40% more lanolin per litre than General Purpose Liquid Lanolin the results given on the General Purpose Liquid Lanolin product data sheet for this test may be taken as the minimum values to be obtained with Heavy Duty Liquid Lanolin.

APPROVALS:

- HACCP Australia Food Safety Accreditation Systems - Food Grade Lubricant
- AQIS Acceptance of Chemical Compound for use in Export Meat Establishments - Category 10 Lubricant Type A (Bulk); Category 12 Lubricant Type C (Aerosol)
- NZFSA Approval Lubricant C12
- Halal Certification Authority Australia - Taher Accreditation
- Australian Made & Owned Certification

NOTE:

- Not recommended for galvanised surfaces.

LEGAL NOTE:

The information, and the recommendations relating to the application and end use of Lanotec products, are given in good faith based on Lanotec's current knowledge and experience of the products when properly stored, handled and applied under normal conditions, in accordance with Lanotec's recommendations. However due to differences in materials, site conditions or any other factor that could affect performance, Lanotec makes no other warranty, either express or implied, concerning this product. There is no warranty in respect of merchantability. Nor can one be inferred either from this information, or from any written recommendations, or from any other advice offered. Lanotec makes no warranty in regards to the performance of the product, once applied by the user. The purchaser / user assumes all risks associated with application of the product.

The user of the product must test the product's suitability for the intended application and purpose. Lanotec reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request, and can be found on the Lanotec website.

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