

LANOTEC®

NATURAL • ENVIRONMENTAL • SUSTAINABLE

PRODUCT GUIDE





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LANOTECH[®]

Company Overview

- ▶ Established in 1998
- ▶ Australian Owned
- ▶ Lanotec manufactures non toxic, bio-degradable & environmentally friendly corrosion inhibitors, lubricants & degreasers
- ▶ Company goal is to be the preeminent manufacturer of natural, sustainable, versatile products for corrosion protection, lubrication and degreasing
- ▶ Lanotec products compliment stringent OH&S regulations

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Environmental & Sustainable

- ▶ “Lanolin is biodegradable and non-toxic. Combined with its anti-corrosive potential, lanolin is also a valuable lubricating and conserving material for all types of engineering parts”.

American Journal of Engineering Research – Industrial Application

- ▶ Environmental & sustainable as certified under the Global Green Tag Certification Program.
- ▶ HACCP Certified (Food Grade)
- ▶ All Lanotec products are certified silicon free - ETRS
Analyse Report QA98-511 & QA98-633
- ▶ Lanolin is a natural renewable resource derived wool and is biodegradable and non-toxic
- ▶ Products are all silicon free

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Product Testing

- ▶ Torque Coefficient (K Factor) of the lubricant was determined to be 0.15
- ▶ AS 1580.460.2 - Highly resistant to acid and salt
- ▶ AS 2380 Clause 4.2 - Flameproof enclosure - Complies with standard
- ▶ AS 2331.3.1 - Neutral Salt Spray (Corrosion)
- ▶ High Voltage Test - dry tested to 70kV - non conductive
- ▶ Chemical Analysis - contains no heavy metals
- ▶ MIL-C-16173E - corrosion preventative compound
- ▶ BMS 3-23F - Boeing Material Specification
- ▶ AS 2205.2.1 - Weld Test

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Product Certification

- ▶ HACCP - Food Grade
- ▶ Global Green Tag - environmentally sustainable
- ▶ ISO Certification- 9001:2015
- ▶ HALAL Certified
- ▶ NSF - public health & safety
- ▶ AQIS
- ▶ NZFSA
- ▶ Type A Grease is certified (AS4020:2015) for use with potable water

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This is to certify that
Lanotec Australia

ABN 87 096 795 621

has been licensed by Australian Made Campaign Limited to use the Australian Made, Australian Grown logo on the products listed below in accordance with the AMAG Logo Code Of Practice:

Licensee ID number: 1195 **Licence expires:** 31 October 2022

PRODUCT NAME

DESCRIPTOR

Anti—Spatter	Australian Made
Citra—Force	Australian Made
General Purpose Liquid Lanolin	Australian Made
Heavy Duty Liquid Lanolin	Australian Made
Lanotec U. P.	Australian Made
PowaWash	Australian Made
Release Agent	Australian Made
Timber Seal	Australian Made
Timber Seal Plus	Australian Made
Type A Grease	Australian Made
Wire Rope Lube	Australian Made

Alyn Beard
Chairperson

Ben Lazzaro
Chief Executive

Issued by Australian Made Campaign Limited (AMCL) ACN 086 641 527 Level 4, 111 Coventry Street, Southbank VIC 3006 and subject to the rules and conditions set out in the AMAG Logo Code of Practice. This certificate remains the property of AMCL and must be returned to AMCL upon its request. To verify that this certificate is current please refer to AMCL's online licensed product register at www.australianmade.com.au

HACCP INTERNATIONAL

eliminate the hazard - reduce the risk



This is to certify that

Lanotec Australia Pty Ltd

Cleaning Liquids

Citra-Force
Lanotec Sanitise and Clean
PowaWash

are certified as as food-safe and suitable for use in
food handling facilities that operate a

HACCP based Food Safety Programme

noting the conditions of the certification statement
Food Zone Classification: FZS

in accordance with the requirements of
**HACCP International's Food Safety
Certification Systems**



01 March 2021

Issue Date

07 April 2023

Expiry Date

This certificate belongs to HACCP International and must be returned upon demand. All products and services to which this certificate refers are evaluated prior to reissue. To verify certification, email certification@haccp-international.com

HACCP INTERNATIONAL: No. 3 Ridgewest Building, 1 Ridge Street, North Sydney, NSW 2060, Australia

Certificate Number

PE-227-LA-2-03

HACCP INTERNATIONAL

eliminate the hazard - reduce the risk



This is to certify that

Lanotec Australia Pty Ltd

Lubricants

Lanotec General Purpose Liquid Lanolin
Lanotec General Purpose Liquid Lanolin Aerosol
Lanotec Heavy Duty Liquid Lanolin
Lanotec Heavy Duty Liquid Lanolin Aerosol
Lanotec Type A Grease

are certified as food-grade lubricants that
are suitable for use in machinery in facilities
that operate a

HACCP based Food Safety Programme

noting the conditions of the certification statement
Food Zone Classification: SSZ

in accordance with the requirements of
HACCP International's Food Safety
Certification Systems

 Issued by  Approved 

01 March 2021

Issue Date

07 April 2023

Expiry Date

This certificate belongs to HACCP International and must be returned upon demand. All products and services to which this certificate refers are evaluated prior to reissue. To verify certification, email certification@haccp-international.com
HACCP INTERNATIONAL: No. 3 Ridgewest Building, 1 Ridge Street, North Sydney, NSW 2060, Australia

Certificate Number
PE-227-LA-1-09



OFFICIAL LISTING

NSF certifies that the products appearing on this Listing conform to the requirements of the NSF Nonfood Compounds Registration Program

This is the Official Listing recorded on May 14, 2020.

Lanotec Australia Pty Ltd.
Unit 79, 57-101 Balham Road
Archerfield, Queensland
4108
Australia
61 7 3373 3700

Product Designation	Registration Number	Category Code
Citra-Force	161221	A8
Citraforce	161221	A8
Heavy Duty Liquid Lanolin	161220	H1,H2
PowaWash	161487	A8
Soft Grease	161219	H1,H2
Type A Grease	161218	H1,H2

A8 Degreasers or carbon removers for food cooking or smoking equipment, utensils, or other associated surfaces.

H1 Lubricants with incidental contact.

H2 Lubricants with no food contact.

Note: Additions shall not be made to this document without prior evaluation and acceptance by NSF.

1 of 1

General Purpose Liquid Lanolin

- ▶ General light lubricant
- ▶ Penetrates deep through rust, frees up rusted tools & components
- ▶ Stops squeaks for longer
- ▶ Lubricant for drilling, tapping & machining
- ▶ Cleans, rejuvenates and extends life of metal, vinyl, plastic, leather, rubber, fibreglass & powder coated surfaces
- ▶ Internal storage protection of critical spares & parts
- ▶ Long lasting and resists wash off

Ideal for lubrication of motor vehicle locks, hinges, springs, tools.

Protects moulds from corrosion, improves release in moulds

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United Equipment, WA

October 2017

Location: 49 Pilbara St, Welshpool, WA

Primary Contractor: Ray Herbert, SPARE PARTS MANAGER

Products Used: Heavy Duty Liquid Lanolin, General Purpose Liquid Lanolin, Citra-Force Degreaser



Click to view the videos below

Project Overview

United Forklift and Access Solutions is one of Australia's largest providers of new and used forklift and access equipment including forklifts, container handlers, scissor lifts, boom lifts and telehandlers.

Available for both sales and hire with a range of specialised services to match from service and repairs, spare parts, finance to operator training, United is truly your one-stop service provider for all your businesses material handling and access needs.

Why Lanotec Products were Specified/Used

United Equipment use Lanotec products because of the superior performance and versatility. They are both non-toxic and bio-degradable - making them a safer, greener alternative for both the person using the product and for the environment.

Versatility for United Equipment means that the Lanotec range can greatly reduce the amount of consumables that are needed for use in both the workshop and the technicians vans. Reducing the amount of area needed for storage whilst saving both time and money.

The two Lanolin based products used by United Equipment are both food safe, resist wash off and are highly resistant to salt and acids. This means that the same product can be used on a forklift that has been hired into a food processing facility, mine site, fertiliser shed or any other corrosive/ environmentally sensitive area.

The products have no detrimental effect on rubber hoses, seals or plastics.

Other Information

Heavy Duty Liquid Lanolin

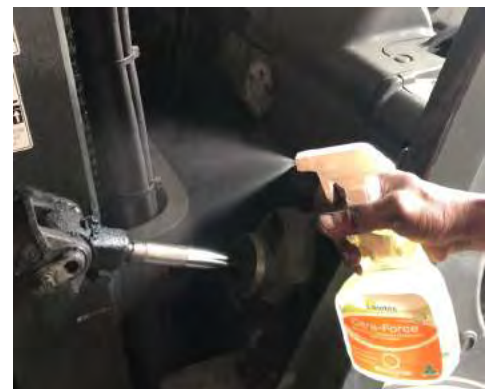
- Used on Chains to lubricate and prevent corrosion, greatly reducing chain wear and fatigue. Will penetrate into all areas of the chain including pins.
- Battery terminals and electrical connections to prevent corrosion.

General Purpose Liquid Lanolin

- Used as a light lubricant penetrant, hinges, latches and freeing up seized parts.
- Used to rejuvenate plastics, seats, steering wheels and various other surfaces

Citra-Force

- Biodegradable quick break degreaser used to degrease and clean chains, tines and engine bays.



Dunn Aviation

December 2017

Location: Jandakot Airport Western Australia, AUSTRALIA

Primary Contractor: N/A

Products Used: General Purpose Liquid Lanolin (GP), Citra-Force (CF)/PowaWash (PW)



Project Overview

Dunn Aviation is the largest AG operator in Western Australia. 51 years - founded by Ian Dunn in 1963, Ian started flying in 1947. Their services include Fire-Fighting, Fertilizing, Seeding, Oil Slick Pollution Control, Mine Site Dust Suppression and Re-vegetation.

They currently hold the Fire-Fighting contract with the West Australian Government and have a fleet of 10+ Air Tractor aircraft and 3 Cessnas used as utilities .



Why Lanotec Products were Specified/Used

General Purpose Liquid Lanolin (GP) is used because it is environmentally friendly, safe and easy to use. It won't affect rubbers or plastics and will provide both corrosion protection and light lubrication to many internal components of the aircraft including electrical .

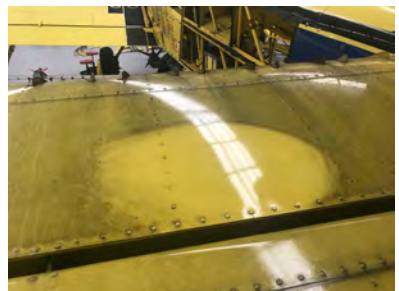
Corrosion on these aircraft can be caused by a number of factors and it can occur both internally and externally.

Main causes include:

- 1) Condensation\ moisture build up inside the fuselage.
- 2) Fertilisers when the planes are set up for crop spraying.
- 3) Electrolysis due to dissimilar metals .

Citra-Force (CF) has been used with great success at removing exhaust carbon buildup from the rear of these aircraft. Compared to many other products offered for this application in the aviation industry, **CF** is a far safer and cost effective alternative. It is a natural, biodegradable quick break degreaser that will help reduce your environmental footprint whilst saving you time and money.

It is stocked extensively throughout our re-seller networks in both Australia and South East Asia.





Location:

Springvale, Victoria,
Australia

Primary Contractor:

Nick Thomson
Service Engineer

Products Used:

Lanotec General
Purpose



Project Overview

Mil-Tek manufacture and service cardboard compactor machines for Australia and abroad.

Lanotec General Purpose is used as a lubricant for the Pneumatic Rams used in the machines during manufacturing as well as in annual servicing of their customers machines.

Mil-Tek machines are used by some of the world's leading brands such as Toyota Material Handling

Why Lanotec Products were Specified/Used.

Lanotec General Purpose is used by Mil-Tek Waste Solutions because it

- outlasts competition products &
- its environmentally friendly badge aligns with the Mil-Tek company mission & their conscientious commitment.

“Creating an environmentally friendly product shouldn’t simply provide a solution. It should be environmentally friendly in all aspects.

Conscientious Commitment

“When the first Mil-tek machine was created, it was designed to meet a specific set of criteria: A quiet baler with a small footprint, which was safe and easy for staff to use.

The concept was, and still is, integral to our business.

It is at our heart to set new standards and continuously invest in development. Protection of the environment in which we live and operate is part of Mil-tek’s core values of conscientious business practice.”



Heavy Duty Liquid Lanolin

- ▶ Long lasting lubrication & protection in corrosive environments
- ▶ Non-fling high-speed & load bearing chain (x-ring & o- ring) and wire rope lubrication and protection
- ▶ Spray on anti-seize
- ▶ Marine grade protectant and lubricant
- ▶ Protection of electrical equipment & components including battery terminals, boxes, connectors, outboard motors & pumps - non conductive to 70 kV
- ▶ Cable pulling lubricant
- ▶ Extends service intervals of plant & equipment

Engine bay and electrical corrosion protection for critical components

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Ampcontrol Mackay

Address: Paget - Mackay Qld.

Product(s) used: Lanotec Heavy Duty Liquid Lanolin
Citra Force/PowaWash

Date: 2017 - ongoing

www.ampcontrol.com



Customer Overview:

Ampcontrol are a large national company delivering integrated electrical & control solutions to the larger engineering and mining sites in and around Mackay.

Included are large mobile pull along generators for underground and above ground mining applications.

Why Lanotec Heavy Duty was specified/used:

Lanotec Citra-Force/PowaWash is used to clean down generating units on return to the workshop for servicing and is the preferred cleaning and degreasing product as it contains no hydrocarbons, is non flammable and it works.

Key uses of Citra-Force/PowaWash are the breaking down carbon build up and months of exposure to coal dust.

Being a quick break degreaser and non foaming it is compatible with their grease trap systems.

Heavy Duty is also used on site as a dielectric spray grease for terminal and other electronic connections and to provide extra protection from corrosion.

Project Images:



McDermott Aviation

Address: Jandakot Airport ,
Western Australia

Product used: Heavy Duty
Citra-Force

Date: May 2020 Ongoing

Website: <https://www.mcdermottaviation.com/>



Project Overview:

Australia's largest privately owned and operated Heli-Aviation Company; providing a service second to none when it comes to reliability, performance, plus the attitude and ability to "get the job done". With the main base situated at Cooroy on the Sunshine Coast, and bases located at Maroochydore (Sunshine Coast) in Queensland, Bankstown in New South Wales, Jandakot in Western Australia, Papua New Guinea, and New Caledonia, whilst also moving aircraft further around the world each and every year. McDermott don't just operate within Australi, they operate throughout the world. Also operating large range of aircraft, and their vast individual range of capabilities, allow us to carry out a long list of operations, including – Aerial Application, VIP Charter, Aerial Lifting and Construction, Fire Control through to Aerial Imagery to name just a few

Why Lanotec was specified/used:

McDermott aviation began using Lanotec products after they heard some positive reports from a fixed wing aviation business in WA who have been using Lanotec for several years . McDermott Aviation had similar issues to overcome and had been looking for a suitable product for some time that would satisfy their needs.

Lanotec was also a product that would help reduce downtime , increase safety and also increase the life of the aircraft .

Lanotec products are also far safer to use and better for the environment compared with most of the products available in the aviation world today .

Project Images:



P W Johnson

Address: Martha Cove, VIC
 Contractors: N/A
 End User: P W Johnson Construction
 Product(s) used: Heavy Duty



Date: 2017—Present
 Project website:
<https://www.pwjohansonconstructions.com.au>

Project Overview:

As the leading marine construction company in Victoria, Australia, P W Johnson Construction run by Paul, carry out many of the government required waterways construction and piling around the Victorian coastline priding themselves in having the smartest, cleanest, safest and most effective crew and equipment in the country.

P W J use Lanotec HD across their entire operation from

- wire ropes, to
- jack leg protection

Why Lanotec was specified / used:

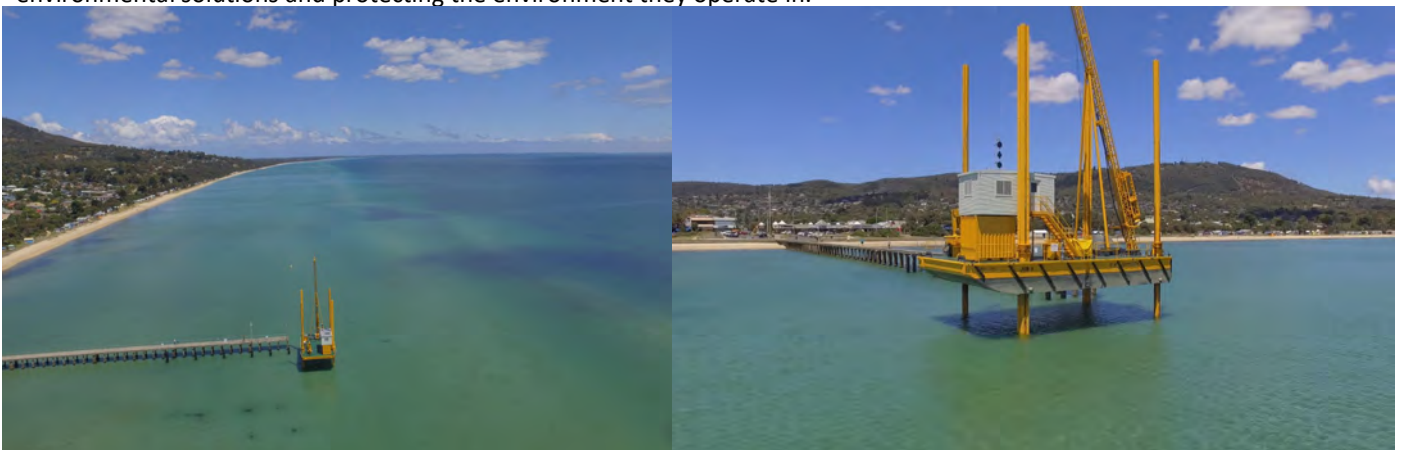
Lanotec is preferred as P W J operate mostly in environmentally friendly and sensitive areas around the stunning and fragile coast line.

Lanotec is preferred as a locally manufactured product, environmentally friendly and its performance in harsh conditions.

Paul ~ “Ultimately, Lanotec Heavy Duty lasts longer”

Additional Notes:

All government, federal and local departments requiring marine based construction and maintenance work require environmentally friendly solutions and P W J has fast become the Go To company as they have an extremely proactive approach to environmental solutions and protecting the environment they operate in.



BLUE MANTA - DIPPING BATH

Address: Forreestfield WA

Product(s) used: Lanotec Heavy Duty Liquid Lanolin

Date: 2014 - ongoing

Project Website: <http://www.bluemanta.com.au>



Project Overview:

Blue Manta supply offshore containers and baskets to the oil & gas industry both in Australia and overseas. They use a large number of wire rope and chain slings that are used for the lifting of these baskets and containers.

Why Lanotec Release Agent was specified/used:

Due to the environmentally sensitive and corrosive environment that ropes and chains are exposed to, Blue Manta needed a proven product that was going to protect the integrity of their lifting equipment. This is the reason why Lanotec Heavy Duty was chosen.

Lanotec Heavy Duty Liquid Lanolin is applied to Blue Manta's chains and wire ropes via dipping bath. See attached photos

Project Images:



Steel-Seal

- ▶ Forms a low-tack protective skin which is moisture, salt, acid and fertiliser resistant
- ▶ Ideal for 4WD and Light Vehicle underbodies corrosion protection
- ▶ Corrosion protection for shipping and component storage protection
- ▶ Drill pipe protection including threads and casing
- ▶ Hermetically seals the surface
 - ▶ Forms an even, uniform surface
- ▶ Skin formed is self healing
 - ▶ Reforms if scored

Ideal for corrosion prevention on motor vehicle underbody, suspension, brakes, drive train.

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ESSO (ExxonMobil)

August 2018

Location:	Barry Beach, Victoria
Primary Contractor:	OEG Offshore
Manager	Joe Allan
Products Used:	Steel-Seal/U.P.



www.oegoffshore.com

Project Overview

Offshore Gas operations Bass Strait. Lanotec Steel Seal used on RIG structure and particularly Drill Pipe when stored between holes. Product required to provide corrosion protection for extensive periods of layup and operations in Bass Strait and other locations internationally.

Why Lanotec Products were Specified/Used

Lanotec Steel-Seal is used as it is environmentally friendly in environmentally sensitive areas. The product was put through a number of tests by Esso and subsequently passed, satisfying their requirements and was written into their maintenance procedure's for corrosion prevention.



Russell Mineral Equipment

Location: TOOWOOMBA -QLD
Managing Contractor: Troy Deakin
Product used: Lanotec Steel-Seal/UP



Date: January 2020
Website: www.rmeGlobal.com

Project Overview:

This equipment manufacturer for the mining industry exports about 90% of their manufacturing off-shore, with equipment in more than 355 mine sites worldwide. They had found their equipment was suffering from corrosion during the typical sea-freight to all parts of the globe. Over the past six years, they have been spraying the finished equipment with Lanotec Steel-Seal/UP for corrosion protection with excellent results. Some items will take over six months to arrive at the mine site, then have additional time in open storage for commissioning etc. before use. Many completed items and part-finished items will be held at their facility for a period, often outside and again: they will spray the Lanotec Steel-Seal/UP to manage corrosion.

Why was Lanotec Steel-Seal/UP specified/used:

The former product used for corrosion protection did not perform as well as the Lanotec UP/Steel-Seal. They chose the Lanotec product based on its superior performance. Other considerations they had were that the Lanotec product has a significantly better environmental characteristic, does not impact on plastics and rubbers and the worker's find the overspray not as intrusive compared to the former product.

Additional Notes:



SUBMERSIBLE ROCK BOLTING RIG

Location: PERTH, WA
Managing Contractor: SapuraClough
Designer: Robert Elks and Associates
Sub Contractor(s): Phillips Engineering
Product(s) used: Type A Grease
Lanotec Steel Seal



Date: 2012
Project website:
<http://www.sapuraclough.com/assets/92-rockboltingrig.html>

Project Overview:

Sapura Clough with the help of Phillips Engineering developed and manufactured 2 of these submersible Rock Bolting Rigs. They can be controlled either manually or by remote and are designed to drill in subsea anchor points in the form of two large bolts. The rigs are powered by an external hydraulic system with fluid being transferred to the unit via a long umbilical hose. These rigs are track driven and are designed to operate in depths of up to 20m.

Why Lanotec Type A Grease & Steel Seal were specified/used:

Lanotec was approached to provide an environmental solution to lubricating and protecting the 2 large exposed roller bearings each machine has. As these machine are being used in environmentally sensitive areas it was essential that they find a suitable product for this application. Type A Grease was recommended by Lanotec for this application because it excels subsea, is impervious to salt water and cost effective.

Lanotec Steel Seal was also used to protect all non-moving bare metal surfaces.



Additional Notes:

The rock bolting rig has been designed for the Chevron Upstream Gorgon Domestic Gas Pipeline stabilisation; The rig design allowed for large or smaller pipe sizes and different rock bolting characteristics.



Rio Tinto - Dampier Salt

Address:	Rio Tinto - Dampier Salt
Product used:	Steel-Seal/Heavy Duty
Managing Contractor:	Rio Tinto
Date:	Jan 2013 - Ongoing



Project Overview:

Dampier Salt Limited (DSL), located in Western Australia and comprising three solar salt operations - Dampier, Port Hedland and Lake MacLeod - is the world's largest exporter of seaborne salt, with capacity to produce approximately 10.3 million tonnes every year. At our Lake MacLeod operations, we also mine and export gypsum to customers in Australia and Southeast Asia.

Why Lanotec was specified/used:

Due to the highly corrosive nature of a salt mine, Rio Tinto were in need of products that could extend the life of their assets as well as help to reduce downtime. The product also needed to be safe for both the environment and staff.

After testing several products over a number of years they came to the conclusion that the Lanotec range worked the best and was also the easiest to use and the most cost effective. Being made in Australia from renewable resources meant that there was also never going to be supply issues. For this particular application they are using Steel Seal to prevent the weir winches from seizing.

These winches are used to control the flow of seawater in and out of the evaporation ponds. Controlling how much water goes in and out of these ponds is imperative to maintaining the high quality of the final product.

Project Images:



Date: 2017

Woolley Engineering Pty Ltd.

Address: Maddington, Western Australia

End User: Woolley Engineering

Product used: Steel-Seal
Citra-Force



<http://www.woolleyengineering.com.au/>

Project Overview:

At Woolley Engineering, we work with a commitment to excellent service and quality workmanship in everything we do, from initial consultation through to the final product.

With years of manufacturing experience in the mining sector, our dedicated team prides itself on precision and professionalism. At Woolley Engineering, we recognise the unique requirements of our clientele, providing spare parts and repair services to meet the highest standards of quality.

Servicing locations across Western Australia and nationally, Woolley Engineering is now recognised as one of the state's premier spare parts and equipment overhaul engineering workshops.

Why Lanotec was specified / used:

Woolley Engineering - design and manufacture a large number of critical spares for clients all around the country .

Steel Seal ensures that all parts delivered around both Australia and overseas arrive in a serviceable condition showing no signs of corrosion . Due to the fact that it is environmentally friendly it has no problems being accepted on any site in Australia .

Steel Seal is easy to apply and outlasts most petroleum based products on the market .

Citra-force is used for general cleaning and degreasing around the workshop and on site .



Anti-Spatter

- ▶ Can be sprayed directly onto the weld area without affecting weld integrity
- ▶ Does not contain Methylene Chloride - a known carcinogen
- ▶ Can be applied in hard to reach areas reducing the need for a grinder
- ▶ Does not affect galvanising process
- ▶ Corrosion and spatter protection of welding beds, robots and spot welders
- ▶ Can be used to protect and prolong the life of welding gloves and aprons
- ▶ Lubricant for cutting, drilling, pressing & machining
- ▶ Short term corrosion protection

Protects metal surfaces from weld spatter, prevents post weld corrosion

Improves aesthetics and weld presentation, in manual and robotic welds

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Type "A" Grease

- ▶ Anti-seize for nuts, bolts, shackles & threaded rod
- ▶ Stops galling of stainless steel & aluminium
- ▶ Stops electrolysis due to dissimilar metal contact
- ▶ Rubber grease and assembly lubricant
- ▶ Non perishing to rubber (including hoses, O-rings & seals)
- ▶ Di-electric grease for multi-pin plugs (70kV)
- ▶ Protection of electrical equipment & components from moisture ingress, including multi-pin plugs and connectors
- ▶ Drilling and cutting compound
- ▶ Welding nozzle dip

Prevents battery terminal and Deutsch Plug corrosion without loss of current

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Tutt Bryant - Heavy Lift & Shift

January 2015

Address: 50 Great Eastern Hwy
South Guildford
WESTERN AUSTRALIA

Product used: Heavy Duty/Type A Grease

Managing Contractors: Craig Spowart - State Manager WA

Website: <https://www.tuttbryant.com.au>



Project Overview:

Employing one of the largest crane fleets in Australia, Tutt Bryant Heavy Lift & Shift currently operates over 150 units ranging from pick-and-carry Frannas, rough terrain cranes, truck mounted cranes, all terrain cranes and crawler cranes in lift and tower configurations. With the added ability to call upon the crane resources of Tat Hong, Tutt Bryant Heavy Lift & Shift stands ready for any major deployment in the region.

Tutt Bryant Heavy Lift & Shift is committed to providing quality equipment and the latest technology that best meet the crane requirements of all their deployments, with particular focus on performance and efficiency within uncompromising safety parameters. As a result, Tutt Bryant Heavy Lift & Shift has a fleet mix that is unparalleled in the region in terms of performance and lifting capacity ratios.

Tutt Bryant Heavy Lift & Shift has worked alongside some of the largest mining, construction and commercial organisations in the country, as well as the Federal and State Governments. Sectors supported include mining and extraction of natural resources, refineries, marine, water supply, roads, rail, power, commercial, infrastructure and ports.

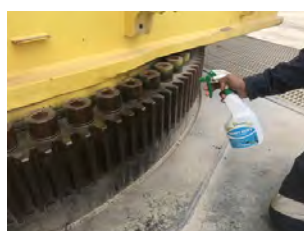
Why Lanotec was specified/used:

Lanotec Heavy Duty Liquid Lanolin is used as a wire rope lubricant and corrosion inhibitor. It is also used to help preserve and protect hydraulic hose from drying out and cracking.

It is the number one choice with Tutt Bryant because it is environmentally friendly, user friendly and performs exceptionally in adverse conditions both on and offshore.

Lanotec Type A Grease is used as: Di-electric grease on all Multi pin Plugs Anti-Seize on all Lattice boom pins

Project Images:



Toll ANL Shipping Osborne Tug | Victorian Reliance | Tasmanian Achiever

Locations:	Geelong Port, Burnie Port & Port of Melbourne
Company:	Toll ANL Shipping
Sub-Contractors:	Elphinstones Enterprises AJL & BIS
Product(s) used:	Type A Grease Heavy Duty Citra-Force



Date: March 2013

Website: <http://www.tollanl.com/index.html>

Project Overview:

Toll ANL Bass Strait Shipping operates the most comprehensive shipping services between Tasmania and mainland Australia. Twin, purpose-built, roll on/roll off vessels, and modern terminals fully operated by Toll Shipping, facilitate the only two-way, six days per week service.

The dedicated terminals at Melbourne's Webb Dock and McGaw Wharf in Burnie utilise cutting-edge Ro/Ro cargo handling technology.

Reason Lanotec products were used & Applications:

Toll ANL Shipping were using HD on wire rope for lubrication/protection on board their 2 ships, The Victorian & The Tasmanian. Each ship has 2 crews and one of the crews identified that in their routine schedule there was a rust looking color on the rope. It was then thought that the HD was not lasting the maintenance schedules. The crew then came up with their own method of mixing the HD and Type A at 25/75 to apply on all the wire ropes by hand. Lanotec was contacted to provide application resolutions for corrosion on their ships and the mixed product was raised by Toll. Toll ANL was then informed that Lanotec produce a WRL and this was put to the crews on board both Ships and Tug. All crews were impressed and pleased with the WRL and it will now be the preferred product to be applied through a spray application.

Citra-Force is used as a cleaner on board in all areas, Galley, Deck, Hallways, Toilets etc. Citra-Force was the preferred product on board due to its cleaning capabilities in numerous areas: food grade approval; ability to break down grease; and water soluble.

PowaWash has now been added to the ships' inventory as a cleaner for outside, as its feature of flashing off completely leaving no residue behind was an advantage over the Citra-Force product.

Lanotec lanolin based products are specified on the Toll Ships due to the ability to adhere to and protect the wire rope in the harsh conditions of Bass Strait. Lanotec also works with Toll ANL to assist with its Enviro policy "Engage with our suppliers, customers and joint venture partners to develop improved environmental sustainability practices".

Images:



Ronca Metal Industries

Locations:	6 Industrial Avenue Caloundra QLD
Company:	Ronca Metal Industries
Manager:	Steve Davidson
Product(s) used:	Type A Grease General Purpose



Date: February 2020

Website: <http://www.ronca.com.au>

Project Overview:

Ronca is a general metal fabrication business based in Caloundra in South East Queensland.

They fabricate a range of products and components for industrial, commercial and construction industries.

They work with aluminium, steel and stainless steel products.

The Lanotec GP spray and Type A Grease are used where a lubricant is needed during fabrication on dies used to fold the metals.

Ronca also use the GP as a cutting compound for drilling and tapping.

The Type A grease is used as an Anti Seize.

Around the workshop, the lanolin products are used to lubricate their roller doors, as a penetrant to loosen frozen connections, for corrosion protection on die storage, etc.

Reason Lanotec products were used & Applications:

The Lanotec products have been used for the above purposes for around 20 years.

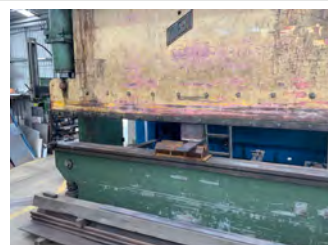
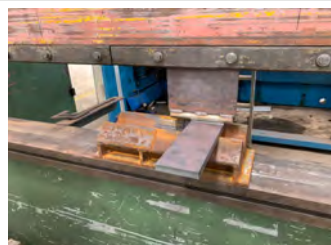
They work well for their needs and the operators are happy to use a more environmental and user friendlier product.

Being a natural product, the management and staff are more comfortable using the it as opposed to the petrochemical based products.

Never in 20 years of using the Lanotec products have Lanotec failed to meet expectations.

The wide applications for the Lanotec products reduces the number of consumables required.

Images:



Coverage

- ▶ Testing conducted by Australian Chemical Services (ACS) determined the required average coating thickness of Lanotec lanolin required to be technically effective is 10.7 um (micron)
- ▶ This equates to:
 - 15-18 M² per litre of Steel Seal
 - 12-15 M² per litre of Heavy Duty
- ▶ A very fine mist application is required - an airless spray application is ideal

Coverage is based on a fine mist application (preferably with a airless sprayer) of 10 micron to reach the desired technical outcome.

Product application beyond the recommended 10 micron will be superfluous and will not add to the effective protection, leading to runoff and drips.

NATURAL • ENVIRONMENTAL • SUSTAINABLE

Citra-Force

- ▶ Citra-Force is an industrial strength degreaser made from a blend of natural, plant based, organic products
- ▶ Citra-Force is a quick break degreaser which is water soluble
- ▶ Machinery and plant cleaner, for use around workshops and wash bays
- ▶ Cleans stainless steel and aluminium without streaking
- ▶ Cleaning of electrical components and rewinds
- ▶ Designed to remove lanolin based products
- ▶ Ideal for workshop floors, equipment, toilets, bathrooms, tiles & ovens
- ▶ Removes wax, tar, oil, silicone, grease thread dope, bugs, fresh paint, adhesives & electrical carbon

Removes lanolin based products while being safe for the user

NATURAL • ENVIRONMENTAL • SUSTAINABLE

Location: 79 St Georges Road,
Norlane, (Geelong)
Victoria, Australia

Primary Contractor: Jamie Cockerill
Facility Technical Manager
jamie.cockerill@au.abb.com

Products Used: Citra-Force Degreaser



Project Overview

ABB is a global pioneer in the industrial sector.
ABB carry out armature rewinds for a range of industrial companies globally.

Why Lanotec Products were Specified/Used

ABB have used Citra Force as a legacy from the acquisition of the Bob White Electrics.

ABB continue to use Citra Force as an integral part of the Armature/alternator rewind process due to the quality of the results they achieve for their clients, including BHP Steel Mill in Hastings Victoria.

They are both non-toxic and bio-degradable - making them a safer, greener alternative.

The simplicity of the process involves dunk soaking armatures of all sizes up to "minibus" size into purpose built dip tanks manufactured with air flow tubing.

Citra Force is applied neat (100%) to housing and smaller armatures. The Citra Force is then removed with fine mist water spray.

For larger armatures (such as the BHP (minibus size) armature in the top picture above) ABB use 10% Citra Force with water for optimum results.

A very specific PSI air pressure is used to create optimal bubbles and vibration to lift the loose carbon and dispose.

Citra-Force

- Non-hazardous, non-flammable, pH neutral, non-foaming - refer to data sheet and SDS for more information.
- Residual carbon is drained off from the bottom of the dipping tanks by about 2 inches and the tank is topped up with Citra-Force to original level.
- Citra-Force and PowaWash are equivalent products, certificate of equivalency is available upon request.



Komatsu Australia

November 2017

Location: 535 Progress Rd, Wacol, Queensland, AUSTRALIA

Primary Contractor: Leeuwin Hall Service Manager

Products Used: U.P. (Ultimate Protection)/Steel-Seal, Citra-Force/PowaWash



Project Overview

This site re-fabricates large drive units for equipment. On arrival the units have red dust, coal dust or just light greasy surfaces. The disassembled mechanical sections are cleaned, machined and reassembled with some new components. On completion they are shelved and subsequently sent throughout the country with some heading OS. Once there they could be used as critical spares or go straight into service.

They were looking for an alternative for a very thin coating for corrosion protection of machined parts in particular the end cover which doubles as the disc surface for the brake on the assembly. On trial the UP/Steel-Seal was more tacky compared to the CRC spray on product. Wiping on the Lanotec product with a rag solved this issue. Further testing found the slightly thicker direct spray did not affect the brakes when first put into use. They were also looking for a product for corrosion protection for excavators being shipped overseas. They needed something that would be ideal for applying over metal and plastic sections and should provide 6 months to 2 years protection.

In the wash down bay they have issues with the degreaser they are currently using. Some operators are finding that the degreaser is stinging their hands. They usually spray the unit then pressure spray it with a truck wash mix. The whole wash bay is quite dirty as well. They are also finding the water recycle filter system needs servicing monthly. Due to the various surfaces - plastics, electrical components, paints, etc. they need a pH neutral product.



Why Lanotec Products were Specified/Used

U.P. (Ultimate Protection)/Steel-Seal

The CRC product they had been using for corrosion protection on machined parts was not performing as well as required with surface rust occurring on some occasions while the units were in storage.

For equipment being shipped overseas, the Steel-Seal will provide up to two years protection and removal of the product once it arrives is not necessary - it can go straight into service. Tests have shown the layer of Lanolin to be on average 10.7 microns.

Citra-Force/PowaWash

CitraForce/PowaWash degreaser was chosen over their former product for a few reasons:

- The operators were complaining about the existing degreaser stinging their hands whereas using CF did not present this problem.
- The CF also appeared to remove the greasy residue faster than the former product.
- They also found the quick break property of the CF meant their grease separator and water cleaning system required less maintenance.
- CF is also pH neutral, non-hazardous, non DG.

Note: Citra-Force/PowaWash and U.P. (Ultimate Protection)/Steel-Seal are equivalent products respectively. Certificates of equivalency are available upon request.

INCITEC PIVOT

Address: Paringa Road, Gibson Island, Brisbane

Principal Contractor: Yohan Meyer 08 8762 2812

Incitec Contact: Stephen Moon, Engineer

Product(s) used: PowaWash/Citra-Force

Date: April 2014 - ongoing



Project Overview:

The main processing plant for fertilisers in Brisbane use large granulators (rolling drum agitators) to mix and granulate the fertiliser components. These granulators rotate on large clogged wheels that are covered with thick bitumastic grease (black jack). The excess grease falls off the gearing staining cover plates, walkways and floor sections.

Why Lanotec Release Agent was specified/used:

Incitec Pivot are looking at installing an electronic greasing system to this gearing to reduce operator over-application to be sure the machine doesn't get too dry and fail. They first need to clean the gears and surrounding structure to facilitate installation and application efficiency.

Lanotec was approached to provide a quick yet safe degreaser for this job. Speed and ease of removal were critical requirements.

The initial trial of PowaWash/Citra-Force demonstrated that there was little need for much effort to remove the grease. The operator sprayed the stained surface with full strength PowaWash/Citra-Force, then allowed a few minutes for it to work into the grease. Using a hose, water was sprayed onto the surface and the grease came off with a rag wiped over it leaving a clean surface. For very thick sections of grease, a stiff brush was used to aid the PowaWash/Citra-Force penetrating the grease. The operators were surprised that one application could leave such a clean grease free surface. Incitec Pivot see three significant workplace safety issues for this process to be acceptable.

First is the safety of the plant and operators where PowaWash/Citra-Force meets the non-flammability requirement and being a natural and safe product meets the WHS user requirements.

Second is contamination to the product under manufacture. The use of a natural degreaser meets their need for minimising further potential contamination of the materials they are processing.

Third is the need to manage waste contaminants leaving the site. Since PowaWash is a quick-break degreaser the operators can confidently manage the separation of the grease product immediately after catching the residue which will mean that the remaining waste will not adversely affect the sites waste water management system.

Project Images:



Date: 2020

Coca Cola—Forklift Tyre mark removal—Melbourne

Address: Keys Road, Moorabbin, VIC
 Contractors: Coca-Cola
 End User: Coca-Cola
 Product(s) used: Lanotec Citra-Force



Project Overview:

Coca-Cola is the world's leading drink manufacturer a company with a very high standard when it comes to manufacturing and internal standards of hygiene and building maintenance, including warehouse floors. Forklift tyre marks are an issue for all warehouses and this example is no different. The image below shows the build-up over 6 months and the end result after a Citra-Force clean is remarkable.

Why Lanotec was specified / used:

Lanotec has the runs on the board with regards to Food Grade, Natural, Environmentally friendly and safe to use. The bonus.... The product performs extremely well.

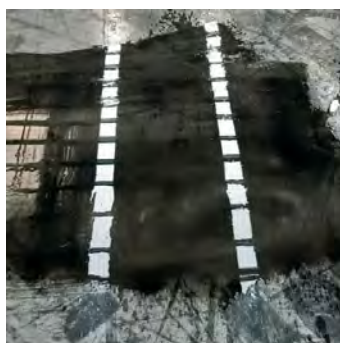
Additional Notes:

Lanotec Citra-Force was used in a number of different ratios with water depending on the thickness of the rubber marks. 50:50 with water was used in some areas and 100% neat in others. Regardless, the product lifted the tyre marks and left what was once a brand new clean warehouse floor, satisfying both Coca-Cola and the Landlord.

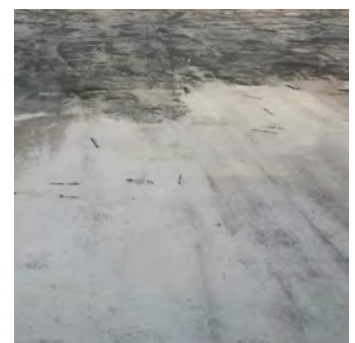
Floor Before Treatment



Application of Citra-Force



RESULT!!



Key Lanotec Products

	Lanolin Content	Key Benefits	Applications		
General Purpose (GP)	25%	Light lubricant - stops squeaks	lock and hinge lubrication and corrosion protection	Injection and pressing mould protection	Silicon free
Steel-Seal*	30%	Corrosion protection - dries to a firm skin - self heals	Underbody corrosion protection with a firm skin	Protect steel rims, calipers and disks	Silicon free
Heavy Duty (HD)	35%	Corrosion Protection - Adhesion - Dielectric to 70kV	Corrosion Inhibitor in engine bay, including electrical components	Penetrates into the metal surface	Silicon free
Type A Grease	99%	Rubber grease - assembly lubricant - excellent in deutsch plugs - terminal protection	Battery terminal protection	Protects electrical connections	Silicon free
Anti-Spatter	25%	Does not impact weld integrity	Protects welding beds, robots and spot welders	Provides short-term corrosion protection	Silicon free
Citra-Force	N/A	Natural, plant based degreaser/cleaner	Removes lanolin, grease, tar, adhesives	Natural, plant based	Silicon free

* Steel-Seal is a different blend of Lanolin, firmer in comparison to the product used in HD and GP.
Not designed as a lubricant

NATURAL • ENVIRONMENTAL • SUSTAINABLE

Application

- ▶ Mist spray
 - ▶ Lanotec hand held units
 - ▶ Compressed air system
 - ▶ Brush on
 - ▶ Dip tanks
- ▶ Testing conducted by Australian Chemical Services (ACS) determined the average coating thickness of Lanotec lanolin is 10.7 um (micron)
- ▶ This equates to:
15-18 M² to the litre of Steel Seal 12-15 M²
to the litre of Heavy Duty
- ▶ A very fine mist application is required - an airless spray application is ideal



NATURAL • ENVIRONMENTAL • SUSTAINABLE

General Purpose



Penetrant | Lubricant | Corrosion Inhibitor

EVERYDAY. EVERYTHING



Size	Code	Size	Code
400g Aerosol	GP\PP-0400	10 Litre	GP\0010
750ml Spray	GP\SP-0750	20 Litre	GP\0020
5 Litre	GP\0005	200 Litre*	GP\0200
60g Aerosol	GP\PP-0060	1000 Litre*	GP\1000

*requires agitation equipment

Empty Applicator Bottles with Label			
750ml Spray Unit	AC\SUBN-0750	1.5L Spray Unit	AC\SUBN-1500
8L Spray Unit	AC\SUBN-8000	18L Backpack	AC\SUBN-1800

- Penetrates deep through rust, frees up rusted tools & components
- Stops squeaks for longer
- Lubricant for drilling, tapping & machining
- Cleans, rejuvenates and extends life of metal, timber, vinyl, plastic, leather, rubber, fibreglass & powder coated surfaces
- Internal storage protection of critical spares & parts
- Protection of electrical equipment & components - non conductive to 70,000 Volts
- Long lasting and resists wash off
- Prevent problems before they arise

Replaces these types of products

- Penetrant
- Cutting Oil
- Light Lubricant
- Corrosion / Rust Protector
- Electrical Protectant
- Silicone Spray
- Rejuvenator - Leather Plastic & Vinyl
- Lubricating Oil



Heavy Duty



Lubricant | Corrosion Inhibitor | Anti-Seize

WHEN THE GOING GETS TOUGH!



Size	Code	Size	Code
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
10 Litre	HD\0010		

*requires agitation equipment

Empty Applicator Bottles with Label			
750ml Spray Unit	AC\SUBN-0750	1.5L Spray Unit	AC\SUBN-1500
8L Spray Unit	AC\SUBN-8000	18L Backpack	AC\SUBN-1800

- Long lasting lubrication and protection in corrosive environments
- Non-fling high-speed & load bearing chain (x-ring & o-ring); and wire rope lubrication and protection
- Spray on anti-seize
- Marine grade protectant and lubricant
- External storage & shipping protection
- Protection of electrical equipment & components including battery terminals, boxes, connectors, outboard motors & pumps - non conductive to 70,000 Volts
- Cable pulling lubricant
- Extends service intervals of plant & equipment

Replaces these types of products

- Marine Grade Lubricant
- Anti-Seize
- Tacky Lubricant
- Corrosion / Rust Protector
- Chain Lube
- Spray Grease
- Battery Terminal Protectant
- Wire Rope Spray





Wire Rope Lube Lubricant | Corrosion Inhibitor



PENETRATES + LUBRICATES + PROTECTS

- Provides long lasting lubrication and corrosion protection to wire ropes & slings
- Penetrates to the core of the rope, whilst remaining on the outer strands
- Suitable for wire ropes over 16mm or any wire ropes working in corrosive environments
- Ideal for use around waterways, coastal locations and environmentally sensitive areas (including rig, marine & portainer cranes, working in the splash zone)
- Easy to apply via spray, brush or dipping bath
- Semi fluid formula

Replaces these types of products

- Wire Rope Lube
- Heavy Fluid Lubricant
- Corrosion Protector



Type A Grease FOOD GRADE Anti-seize | Lubricant | Corrosion Inhibitor



NATURE'S SECRET WEAPON

- Anti-seize for nuts, bolts, shackles & threaded rod
- Stops galling of stainless steel & aluminium
- Stops electrolysis due to dissimilar metal contact
- Rubber grease and assembly lubricant
- Non perishing to rubber (including hoses, O-rings & seals)
- Di-electric grease for multi-pin plugs (70kV)
- Protection of electrical equipment & components from moisture ingress, including multi-pin plugs and connectors
- Drilling and cutting compound
- Welding nozzle dip
- Wire rope lubricant (via pressure injection)

Replaces these types of products

- Rubber Grease
- Assembly Grease
- Nickel Anti-Seize
- Copper Anti-Seize
- Silver Anti-Seize
- Petroleum Jelly
- Nozzle Dip
- Wire Rope Grease



Timber Seal

Timber Treatment

FOR DRESSED TIMBER

- For decking, outdoor furniture, fencing, gates, and cladding
- Penetrates into the timber, providing a natural finish
- Prevents drying, splitting, cracking & wood rot
- For weatherproofing and storage of external timber
- Can be tinted to restore colour (use oil-based tint)
- Protect metal fastenings and fittings from corrosion
- Highlights natural grain & features
- Can be sprayed, brushed or rolled
- Can be polished to a low sheen

Replaces these types of products

Timber Treatment

Decking Oil

Wood Preserver

Waterproofer

Coverage

Hardwood	NEW	10-15m ² /L
Hardwood	OLD	8-10m ² /L
Softwood	NEW	8-10m ² /L
Softwood	OLD	6-8m ² /L

*Approximate coverage only

Viscosity



Size	Code
750ml Spray	TSISP-0750
5 Litre	TSI0005
10 Litre	TSI0010
20 Litre	TSI0020
200 Litre*	TSI0200

*requires agitation equipment

Timber Seal PLUS

Timber Treatment

FOR ROUGH SAWN TIMBER

- For boardwalks, jetties, bridges & rough sawn fence posts and railings
- Safe for environmentally sensitive areas and waterways
- Penetrates into the timber, providing a natural finish
- Prevents drying, splitting, cracking & wood rot
- For weatherproofing and storage of external timber
- Can be tinted to restore colour (use oil-based tint)
- Protect metal fastenings and fittings from corrosion
- Highlights natural grain & features
- Can be sprayed, brushed or rolled

Replaces these types of products

Timber Treatment

Wood Preserver

Waterproofer

Coverage

5-6m² per litre

Please Note

Timber Seal PLUS is too thick for domestic decking applications, and is therefore not recommended

Viscosity



Size	Code
20 Litre	TSIP020
200 Litre*	TSIP200

*requires agitation equipment

LANOTEC[®]

NATURAL • ENVIRONMENTAL • SUSTAINABLE

Release Agent

Concrete Release Agent

FORM OIL, BOND BREAKER



Size	Code	Makes (mix 1:6 water)
2.9 Litre	RAI0003	20 Litres
5 Litre	RAI0005	35 Litres
20 Litre	RAI0020	140 Litres

- Concrete (mix 1:6 parts water)
- Formwork Release Agent
 - Tilt Panel Bond Breaker
 - Precast Mould Oil
- Scaffolding (mix 1:4 parts water)
- Lubricant for jacks & fittings
 - Spatter protection for tubes, jacks & fittings
- Safe for environmentally sensitive areas and waterways
 - Safe for PVC, fibreglass, polypropylene and rubber moulds. Does not affect polystyrene
 - Non staining for coloured concrete
 - Low suction between panels
 - Protection of equipment from concrete overspray

Replaces these types of products

Release Agent

Tilt Panel Bond Breaker

Precast Mould Oil

Lubricant for Jacks & Fittings

Coverage

Approx 25m² per litre of post mix (A 2.9L Release Agent mixed 1:6 with water = 500m² approx of coverage)

Please Note

Release Agent is compatible with paints and waterproof membranes. Contact Lanotec for specific information

Lano-Form

Concrete Release Agent

PREMIXED CONCRETE RELEASE AGENT



Size	Code
10 Litre	RAIF-0010
20 Litre	RAIF-0020
200* Litre	RAIF-0200
1000* Litre	RAIF-1000

*requires agitation equipment

- Ready to use concrete release agent
- Formwork Release Agent
 - Tilt Panel Bond Breaker
 - Precast Mould Oil
- Safe for environmentally sensitive areas and waterways
 - Convenient when there is limited access to water for mixing concentrate
 - Safe for PVC, fibreglass, polypropylene and rubber moulds. Does not affect polystyrene
 - Non staining for coloured concrete
 - Low suction between panels
 - Protection of equipment from concrete overspray

Replaces these types of products

Release Agent

Tilt Panel Bond Breaker

Precast Mould Oil

Lubricant for Jacks & Fittings

Coverage

Approx 25m² per litre

Please Note

Lano-Form is compatible with paints and waterproof membranes. Contact Lanotec for specific information





Steel Seal

Corrosion Inhibitor

THE ULTIMATE IN CORROSION PROTECTION

- Forms a low-tack protective skin which is moisture, salt, acid and fertiliser resistant
- Stops rust dead in its tracks
- Ideal for 4WD and Light Vehicle underbodies
- For mining equipment (offshore & underground)
- For ag equipment, storage facilities and vehicles
- Component storage protection
- Corrosion protection for shipping
- Drill pipe protection including threads and casing
- Hermetically seals the surface
- Skin formed is self healing

Replaces these types of products

Protective Wax

Soft Seal

Fish Oil

Corrosion / Rust Protector

Steel Preserver

Cavity Wax

Coverage

Approx 20m² per litre

Only one light coat is required



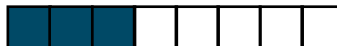
Size	Code	Size	Code
750ml Spray	SSISP-0750	20 Litre	SS10020
5 Litre	SS10005	200 Litre*	SS10200
10 Litre	SS10010	1000 Litre*	SS10100

*requires agitation equipment

Empty Applicator Bottles with Label

750ml Spray Unit	AC\SUBN-0750	1.5L Spray Unit	AC\SUBN-1500
8L Spray Unit	AC\SUBN-8000	18L Backpack	AC\SUBN-1800

Viscosity



Anti-Spatter

Welding Anti-Spatter | Corrosion Inhibitor

FOR MIG & ARC WELDING

- Can be sprayed directly onto the weld area without affecting weld integrity
- Does not contain Methylene Chloride - a known carcinogen
- Can be applied in hard to reach areas reducing the need for a grinder
- Does not affect galvanising process
- Corrosion and spatter protection of welding beds, robots and spot welders
- Can be used to protect and prolong the life of welding gloves and aprons
- Lubricant for cutting, drilling, pressing & machining
- Short term corrosion protection

Replaces these types of products

Anti-Spatter

Cutting Fluid

Leather Glove Protector

Rust Protection Spray

Nozzle Spray

Jig Protectant



Size	Code
750ml Spray	ASISP-0750
5 Litre	AS10005

LANOTEC[®]

NATURAL • ENVIRONMENTAL • SUSTAINABLE

Citra-Force



Cleaner | Degreaser

POWERFUL NATURAL CLEANER/DEGREASER CONCENTRATE

Replaces these types of products

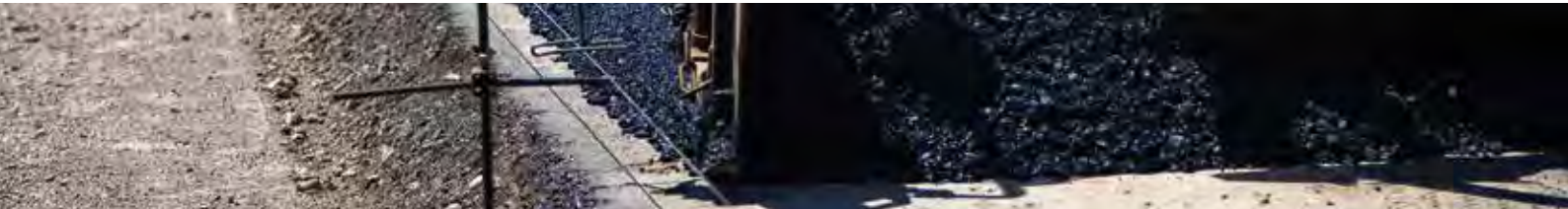


- Machinery and plant cleaner, for use around workshops and wash bays
- Cleans stainless steel and aluminium without streaking
- Cleaning of electrical components and rewinds
- Designed to remove Lanotec lanolin based products
- Ideal for catering & workshop floors, pet stables, toilets, bathrooms, BBQ's, tiles & ovens
- Removes wax, tar, oil, uncured silicone, grease, thread dope, bugs, fresh paint, adhesives & electrical carbon
- Dilute with water for desired strength

- Stainless Steel Cleaner
- Adhesive Remover
- Quick Break Degreaser
- Engine Degreaser
- Pet Safe Cleaner
- BBQ Cleaner
- Bitumen Remover
- Decarbonizing Fluid

Size	Code	Size	Code
400g Aerosol	CF1PP-0400	5 Litre	CF10005
750ml Spray	CF1SP-0750	10 Litre	CF10010
1 Litre	CF10001	20 Litre	CF10020
		200 Litre	CF10200

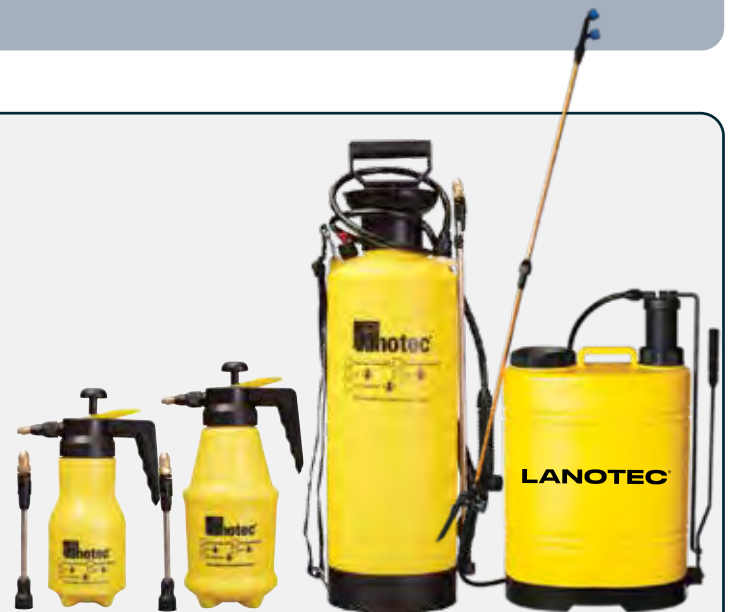
Empty Applicator Bottles with Label			
750ml Spray Unit	AC1SUBN-0750	1.5L Spray Unit	AC1SUBN-1500
8L Spray Unit	AC1SUBN-8000	18L Backpack	AC1SUBN-1800



Spray Units



- Viton™ Seals
- Stainless steel extension
- Adjustable brass nozzle with 180° rotation
- Tick box for Lanotec product identification
- Thumb lever control
- Very solid chemically resistant construction
- Translucent tank for monitoring liquid level



Empty Applicator Bottles with Label			
750ml Spray Unit	AC1SUBN-0750	1.5L Spray Unit	AC1SUBN-1500
8L Spray Unit	AC1SUBN-8000	18L Backpack	AC1SUBN-1800

750ml 1.5 litre 8 litre 18 litre



Release Agent

A lanolin based, water soluble concrete release agent

Sizes: 2.9 Litre, 5 Litre, 20 Litre



- For formwork, precast & tilt panel
- Ideal for environmentally sensitive areas
- Lubrication of jacks & fittings
- Protection of equipment from concrete & paint overspray
- Lano-Form is a pre-mixed release agent in 10 Litre, 20 Litre and 200 Litre†

Timber Seal

For dressed timber including decking & outdoor furniture

Sizes: 1 Litre, 5 Litre, 10 Litre, 20 Litre, 200 Litre†



- Penetrates into the timber
- Prevents drying, splitting, cracking & wood rot
- Repels moisture and weatherproofs timber
- A natural matt finish
- Safe to use in environmentally sensitive areas including waterways
- Corrosion protection of metal fastenings and fittings

What's the difference?

Lanotec Timber Seal PLUS has a much higher concentration of lanolin, and is often too thick for domestic decking applications

Citra-Force®

A powerful, all purpose, natural cleaner/degreaser concentrate

Sizes: 400g Aerosol, 750ml Spray, 1 Litre, 5 Litre, 10 Litre, 20 Litre, 200 Litre†



- Safely cleans stainless steel, aluminium and anodised surfaces without streaking (neutral pH)

Removes

Oil, grease, carbon, adhesives, acrylic paint overspray, shipping waxes, blackjacks, uncured silicone or sealants, rubberised glues, Lanotec lanolin-based products

Cleans

Electrical components, foam filters, workshop floors, toilets and showers, BBQ's, pet stables, exhaust canopies

Note - Citra-Force® affects certain polymers, do not use on rubber or plastics before testing on a inconspicuous area

Spray Units

- Viton Seals
- Stainless steel extension
- Adjustable brass nozzle with 180 degree rotation
- Tick boxes to indicate which Lanotec product is contained within.
- Thumb lever control

Sizes: 750ml, 1.5 Litre, 8 Litre, 18 Litre



LANOTEC®

NATURAL • ENVIRONMENTAL • SUSTAINABLE

ENVIRONMENTALLY FRIENDLY
PENETRANT

Salt Spray & Acid Protection

ANTI-SEIZE

CORROSION
PROTECTION

TIMBER
PROTECTION

WIRE ROPE LUBE
AND PROTECTOR

INDUSTRIAL GRADE
NATURAL DEGREASER

PROTECTS ELECTRICAL COMPONENTS

LUBRICANT

Lanotec Australia Pty Ltd
PO Box 360 Archerfield QLD 4108
P: 07 3373 3700
E: info@lanotec.com.au

† 200L products require specialist agitation equipment

www.lanotec.com.au | www.youtube.com/LanotecAus

General Purpose Liquid Lanolin

An all rounder - penetrant, lubricant & corrosion inhibitor



Sizes: 60g Aerosol, 400g Aerosol, 750ml Spray, 5 Litre, 10 Litre, 20 Litre, 200 Litre†

- Frees up rusted tools
- Stops squeaks
- Light lubricant for light chains, locks, hinges, zippers and padlocks
- Electrical component protection including air conditioner units & ECU's - non-conductive to 70kV
- Lubricant for drilling, cutting, machining & pressing
- Rejuvenates plastics, vinyl, leather, aluminium and powder coated surfaces

Steel-Seal®

A low-tack protective film for all metal surfaces



Sizes: 400g aerosol, 750ml Spray, 3 Litre, 5 Litre, 10 Litre, 20 Litre

- Parts storage protection
 - 4WD & LV underbodies
 - Trucks, trailers, ag & marine
 - Heavy industrial machinery and plant
- Not recommended for galvanised surfaces

Heavy Duty Liquid Lanolin

For corrosive environments



Sizes: 400g Aerosol, 750ml Spray, 5 Litre, 20 Litre, 200 Litre†

- Lubrication of moving parts in corrosive environments
- Wire rope lubrication and protection
- Lubrication and protection of high speed and load bearing chains (non-fling and non-webbing)
- Cable pulling lube
- Spray on anti-seize
- Protection of electrical equipment - non-conductive to 70kV
- Ideal for marine, mining & offshore applications

Wire Rope Lube

Penetrates, lubricates and protects wire ropes in corrosive environments



Sizes: 20 Litre Cube, 200 Litre†

- For wire ropes operating in corrosive environments or above 16mm diameter
- Ideal for use around waterways and environmentally sensitive areas
- Semi-fluid grease - can be sprayed or manually applied
- Penetrates to the core of the rope whilst remaining on the outer strands to provide long lasting protection & lubrication
- Ideal for marine cranes working in the splash zone

Type A Grease

A food grade lubricant & anti-seize



Sizes: 250ml Tube, 235ml, 500ml, 1 Litre, 4 Litre, 20 Litre

- Anti-seize for threaded rod, shackles, nuts & bolts
- Rubber grease, non perishing
- Assembly lube
- Lubricant for rubber hoses, O-rings, linkages, pivot pins & bushes
- Moisture proofing of multi-pin plugs and connectors - non-conductive to 70kV
- Stops galling of stainless steel & aluminium
- Stops electrolysis due to dissimilar metal contact - di-electric grease
- Soft Grease option is available

Anti-Spatter

A non-toxic, non-flammable welding anti-spatter



Sizes: 750ml Spray, 5 Litre

- For mig and arc welding
- Does not contain Methylene Chloride
- Can weld through overspray with no porosity
- Does not affect galvanising process
- Protects against corrosion
- Cooling and drilling lubricant
- Lubricant for tapping and pressing
- Can also be used to preserve leather gloves & aprons

† 200L products require specialist agitation equipment



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