

LANOX[®] HEAVY DUTY mx4

ANTI-CORROSION LANOLIN LUBRICANT

DESIGNED FOR HEAVY INDUSTRIAL, MINING, FARMING, MARINE, EARTH MOVING AND TRANSPORT TYPE USE AND WHERE EXTREME CLIMATIC AND HIGH HUMIDITY CONDITIONS PREVAIL.

Lanolin is a natural wax found in animal wool especially the wool from sheep, commonly referred as 'WOOL FAT' or 'WOOL GREASE', it has wide spread uses, cosmetics, medical, soaps, etc. Down through the centuries the Egyptians, Romans, Vikings, sailors and soldiers alike all used lanolin as a very effective anti-corrosion and waterproofing agent for a variety of metals, materials, timbers, to protect sails, leather, cannons, etc.

Although we make **INOX-mx3**, a quality anti-corrosion lubricant, there are areas where a lanolin based anti-corrosion lubricant like **LANOX-mx4** is sometimes better suited for the application.

LANOX-mx4 is a heavy duty anti-moisture, anti-corrosion lubricant made with a high grade lubricating oil and refined pure lanolin base with specialized chemical compounds.

LANOX-mx4 contains no silicon, kerosene, acids or dieselene.

LANOX-mx4 is harmless to metal points and surfaces, plastics, painted and enamel finishes, fibreglass, formica, rubber or neoprene seals.

LANOX-mx4 doesn't become sticky, gooey or gum up. **DOESN'T DRY OUT OR WASH OFF WITH WATER**

LANOX-mx4 is non-conductive, non-static and non-corrosive.



TECHNICAL DATA		
ASTM D4052	DENSITY @ 15.6 °C	.8461
DIELECTRIC		26
ASTM D93	FLASH POINT	179 °C
ASTM D97	POUR POINT	-26 °C
ASTM D445	VISCOSITY (cSt, 40 °C)	13
	(cSt, 100 °C)	2.4
SOLUBILITY IN WATER		NEGLIGIBLE

APPLICATIONS & USES

ANCHORS, CHAINS & SHACKLE BOLTS: For good protection against corrosion and helps reduce fouling to anchors and chains

CONCRETE: Keeps shovels, trowels, floats and formwork clean and corrosion free between use, stops mortar and concrete adhering to aluminium frames, window and door glass on construction and building work sites.

CONSTRUCTION & FABRICATION: Protects bare metal surfaces, frame work and welded joints in the open air from corrosion during construction before painting. Also good for the protection of all unpainted metal held in storage.

EARTH MOVING MACHINERY: Use as an anti-seize on track and blade bolts and nuts before screwing together, protects all blades and bare metal surfaces between use.

FARM MACHINERY: Protects all painted and bare metal surfaces, sprockets, chains and cables from corrosion on all tractors, harvesters (grain, sugar, etc), sowers, vegetable diggers and washers in use and in the off season. free from corrosion and lubricated while in use and when in storage.

JET SKIS & OUTBOARDS: Protects outboards, clamps, props and jet skis from salt water corrosion, will not harm or harden rubber fittings, keeps control and steering cables and linkages in good working order, lubricated and corrosion free.

LIVESTOCK TRANSPORT: Spray on all livestock crates and gates (rail, road, etc) to protect from rust and chemical corrosion before transit or in storage. Lubricates and protects locks and hinges.

MINING: Protects all bare metal surfaces, pump motors (above and below ground), drag lines, winches and associated electricals from moisture and corrosion in humid and adverse weather conditions.

MOORINGS & SLIPS: Stops electrolysis, keeps winches, cables, slip cradles and wheel bushes lubricated and corrosion free, protection for all electricals from moisture and corrosion.

LANOX-mx4 cont.

PROTECTION: Protects all painted and bare metal surfaces in the open from moisture and corrosion. Protects all timber surfaces from water and dry rot (may slightly darken bare timber but it will not harm it), do not use on green timber. Waterproofs and protects leather harnesses, boots, etc. Protects Firearms and barrels in long term storage, will not harm stocks or metal finishes.

TRAILERS: Boat, box and car trailers and horsefloats, spray on chassis, springs, axles, hinges, couplings, winches, cables, light fittings and electricals for protection from sea air and salt water corrosion.

THREAD ANTI-SEIZE: Spray on all metal threads before joining, stops threads from corroding together, makes it easier to undo all joints, nuts, bolts and screws at a later date.

SIZES: 300g Aerosol, 5, 20 & 205 litre Containers. A 500 ml Spray Applicator is included with each 5 & 20 litre and 6 Spray Applicators with each 205 litre. A Tap is included with each 20 & 205 Litre.

F.A.Q's ON LANOX-mx4 LUBRICANT.

What is LANOX-mx4 ?

LANOX-mx4 is a pure refined Lanolin and machine oil based anti-corrosion, anti-moisture lubricant.

What difference is there between LANOX-mx4 and INOX-mx3 ?

LANOX-mx4 has been designed for a more heavy duty application than the original **INOX-mx3**, it is not food grade approved like **INOX-mx3** because it contains Lanolin, solvents and oil, it has no adverse effect on rubber.

Can I use LANOX-mx4 for applications that I would normally use INOX-mx3 ?

In about 60% of instances **LANOX-mx4** and **INOX-mx3** will have the same results as both contain no silicon, acids, kerosine or dieselene. They are both top quality lubricants, cutting agents and anti-moisture, anti-corrosion sprays. **INOX-mx3** is food grade approved whereas **LANOX-mx4** is not.

What are the areas that LANOX-mx4 would be preferred over INOX-mx3 ?

For example **LANOX-mx4** is more suitable in certain marine applications such as Anchors, Chains and Shackle Bolts and in the protection of Outboard and Inboard Motors. **INOX-mx3** would be best used in areas such as Marine Radios, Sail Tracks (non-staining) and the protection of stainless and aluminium fittings (good for polishing aluminium and fibreglass). For use in Firearms, **LANOX-mx4** is best used for long term storages purposes whereas **INOX-mx3** has better applications for the day to day cleaning and lubrication (anti-static) so it doesn't attract dirt and helps clean barrel residues easier.

Does LANOX-mx4 have applications in the Farming Industry ?

Because of it's Lanolin base it has good long term applications in areas such as cutter bars on headers, lawnmowers, linkages, etc to protect against rust and corrosion (spray onto moving parts to give protection during stand down periods). **LANOX-mx4** is a good anti-corrosion agent for bare metals in storage, stock crates or as a protectant after welding. **LANOX-mx4** is also a good long term lubricant for areas that traditionally receive little maintenance attention (ie. gate hinges, stationary motors, etc).

Does LANOX-mx4 have applications for Earthmoving Equipment ?

LANOX-mx4 can be used as long term lubrication for linkages, cables couplings, etc and for corrosion protection in electrical systems as well as an anti-seize on track bolts and wheel studs.

Can LANOX-mx4 be used as a cutting lubricant ?

Yes, tests conducted prior to it's release found that **LANOX-mx4** is an effective cutting, milling, tapping and thread cutting lubricant for a variety of metals. It is especially effective on aluminium.

LANOX-mx4 COUNTER DISPLAY

**Displays one 300g aerosol
can of LANOX-mx4 lubricant**

**Product information, applications
and uses are listed on the
back of display**

**LANOX-mx4 displays are freely
available on request**