

# PRODUCT DATA SHEET

## WIRE ROPE LUBRICANT WR120

**ECO-FRIENDLY - LOW TOXICITY  
FLUID LUBRICITY**

**LUBRICATES: PROTECTS: PRESERVES**

### DESCRIPTION

Wire Rope Lubricant WR120 is a natural lanolin based mobile heavy fluid. It has 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. Acid, Alkali and Salt resistant. Resistant to wash off.

Ideal for marine environments.



CODE	PACK
WR120\0020	20 ltr Cube
WR120\0200	200 ltr Drum

### PHYSICAL PROPERTIES

**Appearance:** Opaque Dark Brown Semi Solid

**Boiling Point range:** >150

**Flash Point (°C):** >100

**Specific Gravity (g/ml):** @15°C) 0.94

**pH:** Neutral

**Viscosity @ 20°C:** 500 - 800 cSt

**Solubility in Water:** Immiscible

**Medium VOC**

**Low wool grease odour**

### STORAGE AND TRANSPORT

Classified as non-Dangerous Goods

Keep in a cool well-ventilated place

Keep out of reach of children

Shelf Life - 10 years if kept sealed in a controlled temperature enclosed environment < 25°C

### Suitable for

All wire ropes above 16mm or any wire ropes operating in harsh conditions;

- Provides maximum penetration, to ensure protection of the core cable.
- Excellent corrosion protection, preventing premature failure.
- Extreme wash off resistance, guaranteeing protection when wet.
- High flung-off resistance, minimising slip hazards while providing long term protection.
- Friction reduction, reducing abrasion and wear.
- Low temperature capabilities, suitable for Sub-Zero conditions.
- Stable under presence of salt water, protection does not fail when exposed to sea water.
- Simple and safe application, non hazardous to the operator.
- High level of pump ability, easy application with automatic lubricators.
- High temperature stability, ensuring protection at high temperatures.

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

# LANTOS COATINGS

## Product Data Sheet

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**Before applying the product please read fully:**

### PREPARATION:

Inspect wire rope for damage using the cheese cloth method.

Clean wire rope if practical for best results using wire brush or high pressure water to remove foreign debris.

Wire Rope Lubricant WR120 is compatible with all oil based manufacturers lubricants.

### APPLICATION:

Methods of cable lubrication range from traditional techniques such as brushing and swabbing to the use of high performance equipment. Wire Rope Lubricant WR120 can be applied using most methods but we recommend the use of an automatic delivery system with the benefits of;

- Optimised penetration into the wires and strands of the cable
- Prevents build up of excess lubricant
- Offers cost savings due to increased lubrication speed
- Is suitable for use on a range of umbilical and wire rope diameters

To ensure product is mixed correctly agitate in the container before use.

If the ambient temperature is above 25°C Wire Rope Lubricant WR120 can be spray applied.

Place a catching container under the lube zone to collect any spills or overflow.

Apply enough Wire Rope Lubricant WR120 to fill the valley of the wire rope only.

If heavy grease is required refer to Lantos Wire Rope Grease WR110 PDS

### REAPPLICATION:

Visual inspection is recommended regularly until a suitable service interval has been identified. Check the Lantos Coatings Handling Book on wire via the website.

### TESTING

Australian Standard test methods

- AS 1580.460.2 - Resistance to Alkaline Conditions (Immersion test)
- AS 2331.3.1 - Neutral Salt Spray - 250 hrs (no corrosion)

Other Testing

- Full chemical analysis: - refer Technical Specification document WR120

### CERTIFICATIONS

- Halal Certification
- Australian Made & Owned Certification



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