

PRODUCT DATA SHEET WIRE ROPE GREASE WR110

**High Temperature applications
Greater Corrosion Protection
Longer Lasting Results**

LUBRICATES: PROTECTS: PRESERVES



Description

Lanolube WR110 Wire Rope Grease is designed for high temperature wire rope lubrication from 16mm and above, has a high performance specification, acts as a natural corrosion inhibitor, is moisture resistant to sea water, will continue to repel water ingress and maintain internal lubrication

Lubricating wire ropes is a difficult proposition, regardless of construction and composition. Ropes with fibre cores are somewhat easier to lubricate than those made exclusively from steel materials. Lantos Wire Rope Lubricant WR120 is our complementary product for performing field lubrication.

CODE	PACK
WR110\0020	20ltr Pail

PHYSICAL PROPERTIES

Appearance: Dark Brown Glossy Paste
Boiling Point range: >250
Flash Point (°C): >200
Specific Gravity (g/ml): @15°C) 0.93
pH: Neutral
Viscosity @ 20°C: 22 cSt
Solubility in Water: Immiscible
Low VOC
Low 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

BENEFITS

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

- Provides long lasting lubrication and corrosion protection at the core.
- Provides maximum penetration, to ensure protection of the individual strands.
- Excellent corrosion protection, preventing premature failure.
- Extreme wash off resistance, guaranteeing protection in wet conditions.
- High flung-off resistance, minimising slip hazards while providing long term protection.
- Friction reduction, reducing abrasion and wear.
- Salt water resistant and acts as moisture barrier between strands.
- Simple and safe application, non hazardous to the operator.
- Ideal for high pressure impregnation applications.
- High temperature stability, ensuring protection at high temperatures.
- Low temperature capabilities, suitable for Arctic and Antarctic conditions.
- Eco-friendly, can be used around waterways in all environments with confidence.
- Ideal product in marine environments.

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

LANTOS COATINGS

Product Data Sheet

WIRE ROPE GREASE WR110

Before applying the product please read fully:

PREPARATION:

- Use an approved high pressure applicator such as: Viper, Musto or Raptor.

Set up per the manufactures instructions.

- To inspect internal lubricant penetration use a sharp spike or heavy-duty screwdriver to open up the wire rope.
- Alternatively two pipe wrenches secured one meter apart, and rotated in opposite directions will allow visual inspection.

Lubricant penetration to the wire rope core is often difficult due to the following:

- Wire rope design, particularly anti-spin and locked core wire ropes.
- Dirty or contaminated wire ropes.
(Use of Citra - Prep High Strength Degreaser CP250 is recommended)
- Ropes contaminated with solid used lubricant coatings.
(Use of Citra-Prep High Strength Degreaser CP250 is recommended)
- During the wire rope operation the rope movement onto the drum and over sheaves is known to assist with the lubricant penetration.

REAPPLICATION:

Visual inspection is recommended regularly until a suitable service interval has been identified

TESTING:

Australian Standard test methods

- AS 1580.460.2 - Resistance to Alkaline Conditions (Immersion test)
- AS 2380 Clause 4.2 - Flameproof enclosure - Complies with standard
- AS 2331.3.1 -Neutral Salt Spray -504 hrs (no corrosion)
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Mil Spec - MIL-PRF-16173E

- ASTM B117 - Salt Spray

Other Testing

- High Voltage testing (Flash over, kV) Non Conductive to 70kV
- Full chemical analysis: - refer [Technical Specification document Wire Ropes Book WR110](#)

CERTIFICATIONS:

- AQIS Acceptance of Chemical Compound for use in Export Meat Establishments - document on request
- NZFSA Label Approval Lubricant C12
- Halal Certification
- Australian Made & Owned Certification

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