

LanoPro Wire Oil 30 EAL

Wire Rope Lubrication & Protection

Product Data Sheet - 2022.08.20



LUBRICATION



CORROSION
PROTECTION



EAL
APPROVED

2013 VGP Compliant
EAL APPROVED ACCORDING
TO VGP REQUIREMENTS
HOCNF CATEGORY: YELLOW 100/104

Description

LanoPro Wire Oil 30 EAL is a light brown, semi-thick liquid with excellent penetration and corrosion resisting properties especially developed to protect wire ropes. It is an oil product which is completely non-toxic and does not create an environmental footprint.

LanoPro Wire Oil 30 EAL is a premium grade oil formulation for frequent use in harsh conditions, whilst minimising lubricant build up and abrasive particle contamination. Designed for maximum lubrication and protection against degradation and corrosion. The product forms a protective shield and will if heated penetrate deep into the wire core. It can be applied by brush or broom, but it is highly recommended to use a sprayer with heater (between 25°C to 40°C) to make the product thin so that it penetrates the wire more effectively. Suitable for wires and chains on e.g. tower cranes, mobile cranes and dockside cranes. It is compatible with most mineral oils or other petroleum based products, a test before application is recommended.

Technical Data

Properties	Test Method	Typical Values
Consistency		Semi-fluid
Colour	Visual	Light brown
Odour		None or faint
Flash point	ASTM-D3828	230°C
Viscosity at 40°C	ASTM-D445	90 mm ² /s
Copper strip corrosion	ASTM-D4048	1a
Density at 20°C	ASTM-D1298	0.90
Temperature range		0°C to +80°C



Surface Preparation

All surfaces must be free of dust, oil, gravel, or peeling paint and all other foreign matters. However, the product may be applied on rusty metal without any primer or brushing. Prior pressure washing of the surfaces is recommended for optimal results.

Application

It is recommended to stir before use. Apply with a soft bristle brush or broom, a long nap roller, or suitable spray equipment. It is recommended to use the LanoPro low pressure sprayer with heater. Use normal protective goggles to protect eyes. It is not necessary to take any special precautions for workers that use this product. The oil can be used on both wet and dry surfaces. Under cold (<5°C) conditions it is beneficial to heat the product (25°C to 40°C is the ideal temperature) for better flow and spray ability. Coverage rates will vary depending on porosity of surface as well as speed of the application. Avoid applying unless temperature is 0°C or higher.

Clean brushes, tools, and other equipment with soapy and/or hot water after use. Dried film may require warm water pressure cleaning. LanoPro Citrus Cleaner EAL or LanoPro Multi Cleaner EAL are recommended as they are environmentally friendly degreasers.

Handling

- **Storage** Storage temperatures (0°C to +40°C)
- **Packaging** 20L - 200L. Other on request

ID No: D 100 170.6

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