

Technical data

WRL-C5

The logo for MOLYSLIP, featuring the brand name in a bold, italicized, sans-serif font with a registered trademark symbol, set against a red rectangular background.

Wire rope lubricant

Description

MOLYSLIP WRL-C5 is a premium performance lubricant specifically designed to lubricate and protect steel wire ropes. Formulated from high quality base oils and incorporating advanced additive systems that minimize friction and wear MOLYSLIP WRL-C5 delivers outstanding corrosion protection and lubrication to wire ropes operating in a range of environments.

Steel wire ropes are complex in construction and are subjected to arduous operating conditions. Movement such as loading and unloading of the rope, bending and flexing over sheaves and pulleys creates high load points where wires and strands cross over each other. This can result in fretting wear and corrosion - reducing the life of the rope. The high load carrying solids contained in WRL-C5 form a low friction barrier between the metal surfaces minimizing frictional contact and wear.

MOLYSLIP WRL-C5 is suitable for use on most wire rope types and constructions operating in a wide variety of conditions and equipment such as cranes, ports, oilfield, construction and mining. It can also be used in applications such as ROV umbilical cables to protect from corrosion.

Features and benefits

- High load carrying and wear reduction capability protects wires and strands from wear
- Excellent corrosion resistance protects ropes operating in wet conditions
- Highly adhesive, tenacious film extends re-lubrication intervals
- Excellent low temperature flexibility prevents flaking and cracking

Instructions for use

MOLYSLIP WRL-C5 can be applied manually with a brush or swab, or via a high pressure applicator (for example a Mastro type system).

Packaging

400ml aerosol, 4.5kg and 18kg pail

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Technical data (typical values)

| Property | Test method | Result |
|-----------------------------|-------------|---------------------|
| Appearance | - | Smooth black grease |
| Worked penetration | IP50 | 290 |
| NLGI classification | - | 2 |
| Drop point | IP132 | >300°C |
| Salt spray | ASTM B-117 | >1000 hours |
| 4-ball weld load | IP239 | 400kg |
| Operating temperature range | - | -50°C to +130°C |

Storage

Store MOLYSLIP WRL-C5 out of direct sunlight. Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.
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