

# Technical data

## WRL-C10



### Wire rope lubricant

#### Description

MOLYSLIP WRL-C10 is a high-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-C10 delivers excellent 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 and bending and flexing over sheaves and pulleys creates high load points where wires and strands cross over. This can result in fretting wear and corrosion - reducing the life of the rope. WRL-C10 forms a low friction barrier between the metal surfaces minimizing frictional contact and wear.

MOLYSLIP WRL-C10 is suitable for use on most wire rope types and constructions operating in a wide variety of conditions and equipment such as lifting cranes operating in ports and the oilfield, construction and mining industries. The product can also be used in applications such as ROV umbilical cables to protect from corrosion.

#### Features and benefits

- Wear reduction capability protects wires and strands from fatigue.
- Great corrosion resistance protects ropes operating in wet conditions.
- Highly adhesive, tenacious film extends re-lubrication intervals.
- Excellent low temperature flexibility prevents flaking and cracking.

#### Packaging and product code

Code	Pack
M331060	18kg Plastic Pail

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### Instructions for use

MOLYSLIP WRL-C10 can be applied manually by brush or swab, or via a high pressure applicator (for example Masto and Viper lubrication systems).

### Technical data (typical values)

Property	Test method	Result
Appearance	-	Translucent brown grease
Worked penetration	IP50	355 - 385
NLGI classification	-	0
Drop point	IP132	>300°C
Salt spray	ASTM B-117	>100h
4-ball wear scar	IP239	0.60 mm
4-ball weld load	IP239	280 kg
Operating temperature range	-	-50°C to +130°C

### Storage

Store MOLYSLIP WRL-C10 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.  
Issue date 04-22.