

# Technical data

## WRL-E40

**MOLYSLIP**<sup>®</sup>

## VGP compliant wire rope lubricant

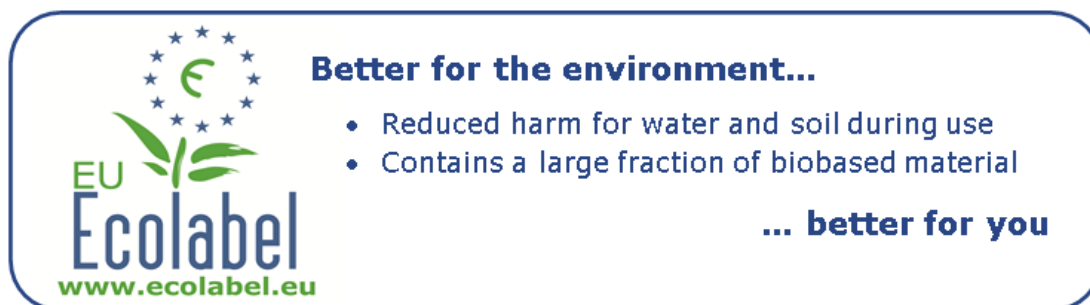
### Description

MOLYSLIP WRL-E40 is an advanced lubricant specifically designed to lubricate and protect steel wire ropes and umbilical cables operating in marine environments. Formulated from a combination of bio-based, renewable oils complimented with performance additives that are proven to be non-toxic to aquatic organisms, MOLYSLIP WRL-E40 is certified to the EU Ecolabel scheme and is therefore fully compliant with the USA EPA Vessel General Permit (VGP).

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-E40 form a low friction barrier between the metal surfaces minimizing frictional contact and wear.

### Features and benefits

- High load carrying and wear reduction capability protects wires and strands from wear
- Good corrosion resistance protects ropes operating in wet conditions
- Adhesive, tenacious film extends re-lubrication intervals
- EU Ecolabel certified and fully compliant with USA VGP 2013



**EU Ecolabel : NL/027/028**

### Packaging

18kg

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### Instructions for use

MOLYSLIP WRL-E40 can be applied manually by brush or swab, or via a high pressure applicator (for example a Masto type system).

### Technical data (typical values)

Property	Test method	Result
Appearance	-	Smooth beige grease
Worked penetration	IP50	315
NLGI classification	-	1
Drop point	IP132	150°C
Salt spray	ASTM B-117	>500 hours
4-ball weld load	IP239	250kg
Operating temperature range	-	-40°C to +130°C

### Storage

Store MOLYSLIP WRL-E40 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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