

Technical Data



Performance you can trust

WIRE ROPE Fluid

High performance de-watering lubricant for wire rope

Product Overview

ROCOL® Wire Rope Fluid is a high performance fluid version of ROCOL Wire Rope Dressing. A specially selected petroleum solvent added to the formulation provides both enhanced de-watering and penetration properties making the product particularly suitable for use on wet ropes. It also makes the product suitable for spray application.

Once the solvent evaporates, performance is identical to ROCOL Wire Rope Dressing which is highly resistant to water and provides excellent corrosion protection making it suitable for use even in salt water environments.

Features and Benefits

- ROCOL Wire Rope Fluid has a temperature range of -30°C to +100°C.
- ROCOL Wire Rope Fluid has excellent penetrating and de-watering properties making it ideal for use on wet ropes or ropes that are going into storage.
- ROCOL Wire Rope Fluid exhibits excellent lubrication properties which reduces wear on the wires and strands thereby maximizing the service life of the rope.
- ROCOL Wire Rope Fluid is highly resistant to water wash-off and offers outstanding corrosion protection.
- ROCOL Wire Rope Fluid provides a thin, non-tacky film which prevents the build-up of dust and dirt on the wire rope.

Directions for Storage and Use

- ROCOL Wire Rope Fluid should be stored in its unopened original container.
- The storage temperature of ROCOL Wire Rope Fluid should be controlled to between +1°C and +40°C.
- If ROCOL Wire Rope Fluid is stored in accordance with the above guidelines the shelf life is 3 years from date of manufacture.
- ROCOL Wire Rope Fluid can be applied by using a brush, swab or automatic lubricator.
- The minimum application temperature for ROCOL Wire Rope Fluid is minus10°C.
- For best results always apply ROCOL Wire Rope Fluid to clean, dry ropes.
- Approximate rope coverage, based on a 25mm diameter rope, is 50 metres per kg.
- NATO Stock Number: 9150 99 549-0384

Typical Applications

ROCOL Wire Rope Fluid is designed for use on ropes operating in arduous environmental conditions on equipment such as hoists, drag lines, cranes and ships.

Pack Sizes

Pack Size	Part Code
5L	20046
20L	20045

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Certificate No. FM 12448



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Property	Test Method	Result
Appearance	Visual	Grey fluid
Base Fluid Type	N/A	Highly refined mineral oil
Base Fluid Viscosity at 40°C*	IP71	465cSt
Thickener	N/A	Organically modified clay
Solids	N/A	Blend of molybdenum disulphide & HLWS
Solvent	N/A	Hydrocarbon
Flash Point	PMCC	40°C
NLGI Classification*	IP50	00
4-Ball Weld Load*	IP239	315kg

Values quoted above are typical and do not constitute a specification.

* Viscosity after solvent has evaporated

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. 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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