

# Technical Data

## BIOGEN® Rope Dressing

### Biodegradable & VGP Compliant Wire Rope Lubricant

#### Description

ROCOL® BIOGEN Rope Dressing is a soft, black, high performance wire rope lubricant.

Biogen Rope Dressing is Biodegradable and VGP Compliant.

Features Pseudo Plastic Rheology; It is a black gel, however, it is designed to transform into a fluid consistency under shear to aid penetration into the core of the rope. It will then return to a grease consistency when shear is removed ensuring that the lubricant resists dripping, fling and water wash off.

Demonstrates good corrosion protection, protecting ropes from their primary failure mode.

outperform mineral oil lubricants with no compromise on the environment, operator safety or cable protection.

#### Applications

- Submerged Ropes
- ROV Umbilical Cables
- Ship Lifts
- Ship to Shore Cranes
- Onshore Cranes
- Static Ropes
- Hoists
- Winches

#### Approvals / Specifications

- Vessel General Permit Compliant

#### Features & Benefits

- Offers an excellent wide temperature range of -50°C to +180°C
- Biodegradability, minimal eco-toxicity and low bioaccumulation potential.
- Offers excellent corrosion protection
- Resistant to salt water
- Low fling off
- Highly resistant to water wash off
- Thin, non-tacky film preventing the build up of dust and dirt
- Highly penetrative ensuring penetration and protection of the core of the rope.
- Prevents wear on rope strands
- No sheen formula

#### Direction For Use

Biogen Rope Dressing can be applied manually although the use of an automatic lubricator is recommended.

For best results apply to clean, dry ropes

The storage temperature should be controlled between +1°C and +40°C.

Shelf life is 3 years from date of manufacture.

Should be stored in its original unopened container.

Approximate rope coverage, based on a 25mm diameter rope, is 50 meters per kg.

#### Further Information

For pack sizes, part codes and safety data sheets please visit [www.rocol.com](http://www.rocol.com) or get in touch with our customer service team who will be happy to help: [customer.service@rocol.com](mailto:customer.service@rocol.com)

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Property	Test Method	Result
Appearance	Visual	Soft black grease
Base Fluid Type	N/A	Complex Ester
Base Fluid Viscosity at 40°C	IP71	320 cSt
Base Fluid Viscosity at 100°C	IP71	39 cSt
Thickener	N/A	Proprietary
Solids	N/A	Graphite
Drop Point	IP 396	Non-melting
Operating Temperature Range	N/A	-50°C to +180°C
4-Ball Weld Load	IP239	355kg
Base Oil Biodegradability		Readily Biodegradable

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

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