

Performance you can trust



BIOGEN® Spray

Biodegradable, De-Watering Aerosol with Extreme Corrosion Protection Properties

Product Overview

ROCOL® BIOGEN Spray is a high performance biodegradable aerosol grease, featuring advanced pseudoplastic rheology.

Biogen Spray is an ideal wire rope and multi purpose lubricant.

BIOGEN Spray demonstrates industry leading corrosion protection.

BIOGEN Spray is a dark grey gel, however, it is designed to immediately transform into a fluid consistency under shear to aid penetration. BIOGEN Spray then returns back to a grease consistency, this transformation ensures that the lubricant resists dripping and fling.

BIOGEN Spray has been developed to outperform mineral oil lubricants with no compromise on the environment, operator safety or protection.

Features and Benefits

- Industry leading corrosion protection.
- No sheen formula.
- Pseudoplastic rheology increases penetration of the lubricant.
- BIOGEN Spray has a wide temperature range; -50°C to +180°C.
- The thin, non-tacky film of BIOGEN Spray prevents build-up of dust and dirt and is highly resistant to water wash-off.
- BIOGEN Spray has excellent lubricating properties which reduces friction, wear and maximises service life.

Directions for Storage and Use

- Shake the can well before use.
- Hold can upright and apply from a distance of 15-30cm (6-12 inches).
- For best practice, storage temperature of BIOGEN Spray should ideally be controlled to between +1°C and +40°C.
- 3 years from date of manufacture shelf life.
- The minimum application temperature for BIOGEN Spray is 0°C. For best results apply BIOGEN Spray to clean, dry ropes.

Specifications

- Approved for use on TTS Syncrolift.

Typical Applications

- BIOGEN Spray is optimised for high performance use under arduous conditions whilst minimising environmental impact.
- BIOGEN Spray is ideal for lubrication of all types of wire ropes and as a multi purpose lubricant. It is also ideal for equipment such as winches, hoists, drag lines, large chains, armoured ROV umbilicals, nuts, bolts and springs.

Pack Sizes

Pack Size	Part Code
400ml	20065

T +44 (0) 113 232 2600
F +44 (0) 113 232 2740
E customer-service@rocol.com
www.rocol.com

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67
Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

ROCOL A division of *ITW* Ltd





Performance you can trust



BIOGEN® Spray

Biodegradable De-watering Lubricant with Extreme Corrosion Protection Properties

Property	Test Method	Result
Appearance	Visual	Soft metallic grey grease
Base Fluid Type	N/A	Vegetable/Synthetic
Base Fluid Viscosity at 40°C	IP71	165cSt
Base Fluid Viscosity at 100°C	IP71	22.3cSt
Thickener	N/A	Proprietary
Solids	N/A	Graphite
Propellant	N/A	Hydrocarbon
Drop Point	IP 396	Non-melting
Operating Temperature Range	N/A	-50°C to +180°C
4-Ball Weld Load	IP239	355kg
Salt Spray Corrosion Protection	ASTM B-117	>1000 hours
Copper Corrosion Test (24hrs at 100°C)	IP 112 – ASTM D130	1A
Oil Separation (24hrs at +100°C)	IP 121	1%
Applied film;		
Ecotoxicity	OECD 215	NOEC >100 mg/l
Ecotoxicity	OECD 211	Not toxic to aquatic environments
Biodegradability	OECD 306	Inherently aerobically biodegradable

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

Safety Data Sheets

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

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.

Issue: 1 Date: 01-16

T +44 (0) 113 232 2600
 F +44 (0) 113 232 2740
 E customer-service@rocol.com
www.rocol.com

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67
 Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

ROCOL A division of **ITW** Ltd

