

Dry Moly Spray

Dry film coating of molybdenum disulphide in aerosol form

Product Overview

ROCOL® Dry Moly Spray provides a very high content molybdenum disulphide film. It is designed to lubricate sliding mechanisms such as plain bearings, pins, cams and slides where a wet lubricant cannot be tolerated.

Also available in paste form – see Dry Moly Paste, and solvent based liquid form – see Dry Moly Fluid.

Typical Applications

- ROCOL Dry Moly Spray is primarily designed as an assembly lubricant for sliding mechanisms, plain bearings and other applications where a totally dry film lubricant is required.
- ROCOL Dry Moly Spray can also be used as a dry film chain lubricant where wet films cannot be tolerated.

Features and Benefits

- Temperature range -50°C to +450°C.
- Dry film lubrication – resists pick-up of contaminants.
- Prevents galling, pick-up and seizure.
- Resistant to high loads (up to 7,000 kg/cm²).
- Excellent wear resistance (high molybdenum disulphide content).

Directions for Storage and Use

- Ensure surfaces to be treated are clean, dry and free from oil, grease or dirt contamination.
- Shake aerosol thoroughly for 2-3 mins after agitator ball begins to rattle.
- Hold upright and apply a thin even coating from approximate distance of 15-30cm (6-12 inches).
- Use only in well ventilated areas.
- After use invert can and spray until nozzle is clear.
- Film will be touch dry in 2-3 mins and completely cured in approximately 3 hours.
- The cured film can be improved by lightly burnishing with a lint free cloth.
- Also available as Dry Moly Paste for application as paste, and Dry Moly Fluid for dipping, brushing or spraying.
- The storage temperature should be kept below +50°C, and the storage area should be out of direct sunlight.
- Shelf life is 4 years from date of manufacture.

Specifications

- Rolls Royce Specification – R-R OMAT 4/52.
- NATO Stock Number – 9150992248709.00

Pack Sizes

Pack Size	Part Code
400ml	10025

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Property	Test Method	Result
Appearance	Visual	Thin blue-black film
Solids	N/A	Molybdenum disulphide
Binder	N/A	Organic resin
Solvent	N/A	Ketone
Propellant	N/A	LPG (Hydrocarbon)
Drying Times:	N/A	
Touch Dry	N/A	2-3 minutes
Complete Cure (20°C)	N/A	Approximately 3 hours
Temperature Range of Applied Film (for best performance apply at ambient temperature)	N/A	-50°C to +450°C

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 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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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

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