Dry Moly Paste

Dry film coating of molybdenum disulphide in paste form

Product Overview

ROCOL® Dry Moly Paste is a very high content molybdenum disulphide paste. 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 aerosol form – see Dry Moly Spray, and solvent based liquid form – see Dry Moly Fluid.

Typical Applications

- ROCOL Dry Moly Paste is an ideal assembly lubricant for disc spring assemblies, sliding mechanisms, plain bearings and other applications where a totally dry film lubricant is required.

Features and Benefits

- ROCOL Dry Moly Paste has a temperature range of -50°C to +450°C.
- ROCOL Dry Moly Paste can be used where wet films cannot be tolerated due to its dry film lubrication that resists pick up of contaminants.
- ROCOL Dry Moly Paste prevents galling, pick-up and seizure.
- ROCOL Dry Moly Paste is resistant to high loads (up to 7,000 kg/cm^2).
- Excellent wear resistance due to its 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.
- Apply a thin even coating of ROCOL Dry Moly Paste by rubbing onto the surface with a lint free cloth.
- The applied film can be improved by lightly burnishing with a lint free cloth.
- ROCOL Dry Moly Paste is also available as Dry Moly Spray for application by aerosol, and Dry Moly Fluid for dipping, brushing or spraying.
- The storage temperature of ROCOL Dry Moly Paste should be controlled between +1°C and +40°C.
- Shelf life is 5 years from date of manufacture.

Specifications

ROCOL Dry Moly Paste meets the following specifications:

- Rolls Royce Specification – R-R OMAT 4/53

Pack Sizes

Pack Size	Part Code
100g	10040
750g	10046

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BS EN ISO 9001 Certificate No. FM 12448
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Technical Data

Performance you can trust

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Property	Test Method	Result
Appearance	**Visual**	**Smooth blue-black paste**
NLGI No.	**IP 50 – ASTM D217**	**3**
Base Type	**N/A**	**Hydrocarbon blend**
Solids	**N/A**	**Molybdenum disulphide**
Solids Content	**N/A**	**50%**
Temperature Range	**N/A**	**-50°C to +450°C**
Drop Point	**IP 132**	**>100°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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