



## DRY MOLY FLUID

**Resin bonded, dry film coating of molybdenum disulphide.  
Developed to lubricate sliding mechanisms such as plain bearings, pins,  
cams and slides where a wet lubricant cannot be tolerated.**

### FEATURES

- Ø Temperature range (applied film)  $-50^{\circ}\text{C}$  to  $450^{\circ}\text{C}$
- Ø Dry film lubrication - resists pick up of contaminants
- Ø Prevents galling, pick up and seizure
- Ø Resistant to high loads (up to  $7,000\text{ kg/cm}^2$ )
- Ø Excellent wear resistance (high molybdenum disulphide content)

### DIRECTIONS FOR USE

- Ø Ensure surfaces to be treated are clean, dry and free from oil, grease or dirt contamination.
- Ø Ideally dry the component at  $80^{\circ}\text{C}$  –  $100^{\circ}\text{C}$  (ambient cure is acceptable)
- Ø Keep Dry Moly Fluid well agitated and apply to component whilst still warm
- Ø Dry in oven at  $80^{\circ}\text{C}$  –  $100^{\circ}\text{C}$  for 30 mins then allow to cool
  - Ø 3 hour cure at ambient temperatures ( $20^{\circ}\text{C}$ )
- Ø The cured film can be improved by lightly burnishing with a lint free cloth
- Ø Examine for untreated areas and reapply if necessary
- Ø For surfaces requiring a high degree of corrosion resistance it is advisable to apply to an anodised or phosphated surface.

### Technical and Safety Data Sheets are available from:

**Fax Back Facility** : +44 (0)113 232 2770

**Web Site** : [www.rocol.com](http://www.rocol.com)

**Customer Service** : +44 (0)113 232 2700

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1

#### **ROCOL Lubricants**

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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.

TECHNICAL DATA



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## TECHNICAL DATA (typical values)

Appearance	Thin blue-black applied film
Solids	Molybdenum disulphide
Binder	Organic resin
Solvent	Hydrocarbon blend
Drying times	
Touch dry	2-3 minutes
Complete cure at 20°C	Approximately 3 hours
Complete cure at 80°C – 100°C	30 mins in oven, then allow to cool
Temperature range (applied film)	-50°C to 450°C
Approximate coverage	8m <sup>2</sup> /ltr
Timken test 800rpm for >60 mins	6000 psi
Resistance of resin bonding agent in applied film	Soluble in hot oil and some common solvents
Storage	Store away from sources of heat or ignition. Store in original containers. Storage and transfer equipment should be adequately earthed and bonded to prevent the accumulation of static charges.
Pack sizes	5L

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