



PRODUCT DATA SHEET

Quality Products and Service Since 1964

MOLY POWDER

Technical Grade Molybdenum Disulfide

PRODUCT DESCRIPTION:

Lub-O-Seal's technical grade Moly Powder is a pure form of molybdenum disulfide (MoS₂). It is a dry film, extreme pressure lubricant that offers the following characteristics:

- *Designed to meet the requirements of US Military Spec: MIL-PRF-7866C (MIL-M-7866C).*
- *Withstands pressures exceeding 500,000 P.S.I.*
- *Serviceable temperature range from -375 °F to +750 °F, and up to 2,000 °F in the absence of oxygen.*
- *Extremely low coefficient of friction.*
- *Exceptional adherence to most surfaces.*
- *Lubricates in the presence of (and resists) most chemical and solvents.*
- *Effective in extreme environments: dusty, dirty or abrasive atmospheres, harsh chemicals.*

APPLICATIONS:

The excellent wear resistance of this powder helps extend the life of metal parts such as cams, latches, switches, low speed bearings, ways, gears, chains, rollers, hinges and many more. Use Moly Powder to reduce friction in various metalworking applications such as stamping and bending or to prevent galling or seizing of tools and dies. Use to prevent galling and seizing of sliding metal surfaces, lubricate surfaces exposed to heavy loads and slow surface speeds where standard lubricating oils cannot be maintained, lubricate newly assembled parts during critical run-in period, press fit assemblies. Moly powder is also an excellent lubricant for reducing friction in plastic and rubber parts as well. It can be rubbed or burnished onto o-rings, packings and seals where conventional oil lubrication cannot be used.

DATA & SPECIFICATIONS:

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| Product Type: | Dry Film Lubricant |
| Color: | Dark Gray |
| Temp Range: | -375 ° F to +750 ° F |
| Particle Size: | 3 – 4 (Fisher Number μM) |

WARRANTY INFORMATION - PLEASE READ CAREFULLY

Lub-O-Seal Company, Inc. believes that the information in this publication is an accurate description of the typical characteristics and/or uses of the product, but it is your responsibility to thoroughly test the product in your specific application in order to determine its performance, efficacy and safety. Lub-O-Seal specifically disclaims any other expressed or implied warranty, including warranties of merchantability and of fitness for a particular use. Your exclusive remedy and Lub-O-Seal's sole liability for breach of warranty is limited to the refund of the purchase price or the replacement of the product shown to be other as warranted, and Lub-O-Seal expressly disclaims any liability for incidental or consequential damages.

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