

DESCRIPTION

MOLY-MIST™ consists of a high percentage of micro-fine MoS₂ suspended in a unique liquid, quick drying vehicle, it bonds dry-form MoS₂ powder to surfaces without heating or baking. When sprayed on any surface it “touches dry” quickly and cures to an even, tenacious coating in 30 minutes. Molybdenum Disulfide (MoS₂) is a solid, dry-form lubricant with a coefficient of friction of only 0.16. Under sliding pressure, it will bond to ferrous and nonferrous metals, plastics, glass, rubber, wood, etc. It has high chemical and thermal stability; is inert to water, oil, alkalis, many acids and solvents.

MOLY-MIST lowers friction, prevents galling, seizure, stick-slip, fretting, corrosion and metal-to-metal contact; reduces torque and power consumption. It can be applied while equipment is in motion, deposits a coating of MoS₂ on hard to reach surfaces of fixed, moving or irregular parts. **MOLY-MIST** is used wherever a dry lubricant is needed, particularly where temperatures are extreme, where environments are hostile, and where friction must be kept to a minimum. For high temperature applications the equipment must be cool prior to application due to propellant flammability.

- Lead Free
- Noncorrosive
- Quick dry bonding
- Highly tenacious
- Enhances machines surfaces
- Bonds to both ferrous and nonferrous metals

APPLICATIONS

MOLY-MIST provides the initial lubrication protection that is needed where conventional lubrication in most cases cannot. Its low coefficient of friction, bonding tenacity, and ability to sustain lubrication make **MOLY-MIST** a pre-assembly necessity.

Lubrication - or lack of lubrication - on the first pass or revolution of a wearing surface to a large extent determines the life of a component. New parts contain rough surfaces in the form of microscopic imperfections. Use of **MOLY-MIST** during initial “running in” period will provide extended service life.

GENERAL: For threads, gears, dies, taps, chains, packings, sprockets, cables, pulleys, power screws, chucks, steady rests, swivels, sleeve bearings, wrist pins, pistons, cylinder walls, valve stems, cam shafts, bolts and screws, jigs and fixtures, plungers, polished rods, conveyors, acme screws, lathe beds, ways, valve plugs and seats.

Apply to truck shackles, brake anchor pins and bushings, piston rods, rings, sleeves, trunnion U-bolts, open chains and rollers, adjustment bolts, all parts subject to dirt and corrosion.

PRODUCT CHARACTERISTICS

Solvent Type	Aromatic/Ketone
Resin	Alkyd
Film Appearance	Black Opaque
Dry Time	15 Minutes
Cure Time (hard cure)	24 hrs.
Typical Film Thickness	1.0 mil
Density (lb/gal)	7.52
Specific Gravity	0.90
Flash Point	-4°F (-20°C)
Service Rating (Molybdenum Disulfide)	-300°F (-184°C) to 750°F (399°C)
VOC Content, g/liter	380 (excludes exempt)

NOTE: Not for use on oxygen lines.

For package types and part numbers

www.jetlube.com/resources/product-index/

Limited Warranty

www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf