



## MOLY DRY FILM LUBRICANT

Moly Dry Film Lubricant contains micro-fine MoS<sub>2</sub> suspended in a liquid, quick-drying carrier. It bonds dry MoS<sub>2</sub> powder to surfaces without heating or baking. When applied on any surface, it forms a tenacious coating in seconds. Molybdenum disulfide (MoS<sub>2</sub>) is a solid, dry-form lubricant with a coefficient of friction of only 0.03. Moly Dry Film Aerosol will bond to ferrous and nonferrous metals, plastics, ceramics, rubber, wood, etc. Moly Dry Film Aerosol exhibits excellent chemical and thermal stability and is inert to water, oil, alkalis, many acids, and solids.

Moly Dry Film Lubricant prevents galling, seizure, stick-slip, fretting, corrosion, and metal-to-metal contact. Moly Dry Film Aerosol is used wherever a dry lubricant is needed, particularly where temperatures are extreme or environments are hostile.

### BENEFITS:

- QUICK-DRY BONDING – dry to the touch in seconds.
- UNIVERSAL – bonds to both ferrous and nonferrous metals.
- ENHANCES MACHINED SURFACES – fills in microscopic irregularities on contact surfaces, thus reducing friction and wear.
- ENVIRONMENTALLY SAFE – lead free.
- PREASSEMBLY – excellent choice for use during break-in period to smooth contact surfaces and prolong component life.

### APPLICATIONS:

Moly Dry Film Lubricant is recommended for threads, gears, dies, taps, chains, sprockets, cables, pulleys, power screws, chucks, steady rests, swivels, sleeve bearings, wrist pins, pistons, cylinder walls, valve stems, camshafts, bolts and screws, jigs and fixtures, plungers, polished rods, conveyors, acme screws, lathe beds, ways, valve plugs, and seats.

Apply Moly Dry Film Lubricant to truck shackles, brake anchor pins and bushings, piston rods, rings, sleeves, U-bolts, open chains and rollers, width adjustment screws on Tenter Frames, and all parts subject to dirt and corrosion.

Moly Dry Film Lubricant is more effective when applied to a clean dry surface.

ASTM #	TYPICAL CHARACTERISTICS	
	% Volatiles	75
Gardener Method	Density, lb/gal @ 60°F (15.5°C)	0.92
	Dry Time, Minutes	2-3
	Usable Temperature Range after Evaporation, °F (°C)	800 (427)
	Solids	MoS <sub>2</sub>
	Color	Dark Grey - Black
	VOC Content, g/liter	380

### CAUTION: FLAMMABLE

Do not spray onto hot surfaces. Use with adequate ventilation.

*The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.*

### PACKAGING

Aerosol Cans 12 - 12 oz. (340 grams) Cans
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### THE WHITMORE MANUFACTURING COMPANY

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