

MOLYBDENUM DI SULPHIDE COATING (MOLY PLATE)

MOS₂ coating is a unique coating for excellent corrosion resistance, reduced frictional torque, easy and frequent dismantling, running in, cleanliness and long time storage.

MOS₂ coating is a specially bonded solid lubricant containing molybdenum disulphide. The lubricant is applied by conventional painting techniques like spraying, dipping or brushing after suitable dilution using a special solvent TRIBOSOL followed by air/ oven curing. It can be applied to all metallic components. Being a dry film lubricant Molybdenum disulphide coating does not pick up dust as compared to conventional oils and greases.

MOS₂ coating has excellent corrosion resistance compared to conventional plating like zinc, chromium, cadmium, nickel, etc.

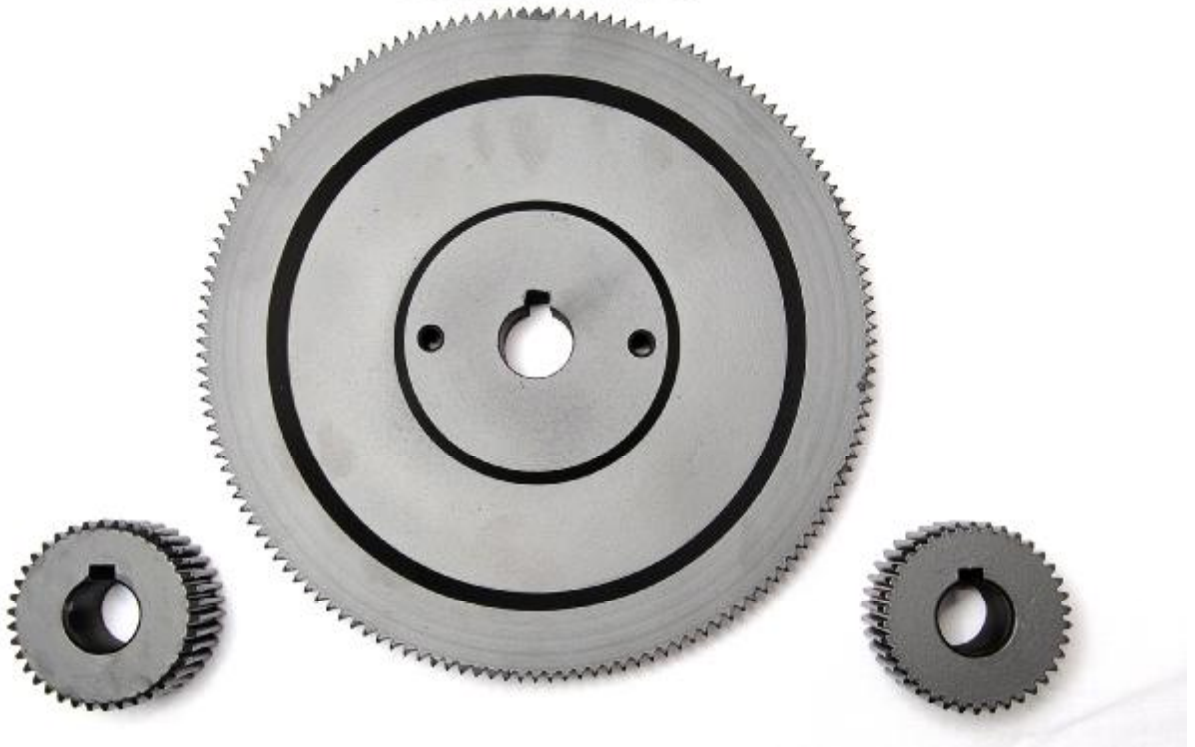
Properties

- 1. Excellent corrosion resistance compared to plating.**
- 2. Does not pick up dirt/ dust like oils or greases.**
- 3. Can withstand high contact loads as compared to conventional oils or greases.**
- 4. Useful for running in and noise reduction.**
- 5. Helps in easy dismantling.**
- 6. Reduces frictional torque.**
- 7. Low coefficient of friction.**
- 8. Enables storage for long periods especially suitable for Marine transportation.**

Typical Applications of Molybdenum disulphide coating

Crane pins, tyre moulds/ segments, wire drawing parts, articulate joints for earth moving equipment, fasteners for torque control, dish antenna moving parts, weapon magazines, firing pins, slide ways/ guides, shafts, bearings, aerospace parts, chains, machine tool chucks, carburetor parts, sliding gate valves, battery machine parts, outdoor machine parts, gas cylinder threads, etc.

GEARS



TORSION SPRINGS



VALVE STEMS

