



Molysyn Manufacturing Co.

ISO  
9002  
Certified

# TECHNICAL DATA

102 Barton Street, St. Louis, USA

## # 299 ANTI SIEZE COPPER COMPOUND

**M-299** Is an Advance Thread Seize Stop Lubricant, Especially Design for Today's Industry in Tough Working Condition and Wide Operating Temperature Range Encountered Upto 1193° C.

### FEATURES:

**M-299**, Is a superior grade extra heavy duty, extreme pressure and low fiction lubricating compound:

- Acids, Caustics, Alkali and Water Resistant
- Extreme Heat resistant to 1193° C
- Non harden, drip and separate.
- Withstands Extreme Pressure, reduce torque
- Corrosion and rust inhibitors
- Contained no hazardous and non-toxic properties
- Compatible with stainless steel and nickel alloys
- Prevent metal seizure up, provide long term protection, ease dismantling interlocked parts.

### PRODUCT INFORMATION

**CHEMICAL RESISTANT:** **M-299** provide excellent protection form Acids, Caustics and Alkali. It is safe to use with Anhydrous Ammonia, Acetylene and other Vinyl monomers.

**EXTREME HEAT PROTECTION:** **M-299** performs to temperatures easily goes up to 1193° C, not harden, drip or separate, it still give a good lubricity and ease to dismantle parts. It prevents Galvanic Pitting on all types of machinery and metal fittings.

**Extreme Pressure Protection:** **M-299** specially blended with extreme pressure additives, which provide excellent E.P withstanding properties, insure minimum torque requirement.

**Rust & corrosion inhibitors:** **M-299** has a good water resistant properties to prevent rust and corrosion set in, prevent seizing and galling

**Compatibility:** **M-299** is compatible to all type of metals and plastic, allow reuse of damaged threaded parts. Unlike using ordinary for releasing, it often damage the parts, components and the surrounding areas, **M-299** is totally harmless and will not corrode surrounding and intricate components locked.



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**Environmentally safe:** M-299 will form a life-long protection shield against oxidation, cancer of rust and corrosive resultants, it will not wash away or evaporate, is an advanced lubricant for thread.

## Application:

It is suggested to use on all components and parts before the cancer of rust sets in, applications include: All Nuts & Bolts, Studs, gaskets, washers, plugs, tube connections, steam pipes, fluid carriers, Bushings, Cam Rollers, Chains, Show Moving Drives, Slow Moving Bearings, dies, Drills, Gears, Generators, Joints, Keyways, Motors, Packing, Press fits, Pump, Shafts, Sleeves, Spark Plugs, Taps, Unions, Valve Stems, Wristpins. They are used in: Steel Mills and Foundries, Oil Refineries and Chemical Plants, Construction and Farm equipment, Autos and Trucks, Electric Power and other utilities, Oil Drilling and Mining, Diesel and Gasoline Engines, Marine Motors and Shipyards, Paper Mills, Sewer Facilities, Reaction Chambers, Plastic Industry, Earthmoving Equipment and any industry where corrosion, extreme heat and pressure conditions are major factor.

## TYPICAL SPECIFICATIONS

Usable Temperature Range: -40 ° C to 1193 ° C

Penetration: ASTM D-217 360-380

Drop Point: ASTM D-2265 None

Evaporation: ASTM D-2595 6% 10 hrs @ 210 ° F