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Environmentally  
 Friendly & Non-Toxic.  
 Engineered & Made in the U.S.A.

## Product Specification Sheet

# General Purpose Moly Lubricant / Sealant

**General Purpose Moly (GPM)** is a combination lubricant and sealant with Molybdenum Disulfide added. This material is suitable for use in plug, ball, and gate valves. GPM is approved by most major valve manufacturers. It is also good for valves carrying aliphatic hydrocarbon liquids including kerosene, fuel oils, crude distillates; sweet or sour, water, condensate. GPM is 100% synthetic. It is made of stable, non-reactive materials and is designed for use in valves controlling the flow of natural gas, crude oil, gasoline, jet fuel, lubricating oils or mixtures of these products. It is water resistant, has excellent "plating out" characteristics, is inhibited for H<sub>2</sub>S (<1000 ppm) and CO<sub>2</sub> (< 40%) applications and is resistant to organic acids and caustic solutions.

**General Purpose Moly (GPM)** is a general service material and can be used in high pressure applications; including, but not limited to wellhead servicing. GPM is necessary when reduced operating torque is required. • Although GPM contains an antioxidant, **DO NOT** use this material in oxygen service. • For Industrial use only.

### Packaging

• Extreme High Pressure is available in stick form, cartridges and all sizes of bulk containers.

### Application Method

• Grease Gun or Automated Equipment (Air, Air/Hydraulic, Hydraulic or Manual)

### Physical Properties

- NLGI Consistency Number: **4** for Bulk and **6+** for Stick applications
- Color: Black • Odor: Mild to Neutral
- Texture: Tacky • Consistency: N/A • Service Life: Extended
- Cone Penetration (ASTM D-217) 250-300
- Dropping Point: °F (ASTM 0-566) None
- Flash Point (C.O.C.) 375°F (191°C)
- Oil Separation: % wt. Loss (ASTM D-1742) 5 max.
- Corrosion Inhibitor: Imidazoline Derivative Additive
- Diester Type **EPR** (Extreme Pressure Resistant) Additive
- Rust Preventive Test (ASTM 0-1743) Passed
- Temperature Range; 0° to 400°F
- Oxidation Stability; (ASTM D-942) = 10 max.
- Base Oils; Proprietary Synthetics

### Features

- 100% Synthetic Oils
- Water Insoluble & Washout Resistant
- High Metal Adhesion
- Excellent Corrosion Resistance
- Resistant to H<sub>2</sub>S (< 1000 ppm) and CO<sub>2</sub> (<40%)
- Suitable for use in **ALL** hydrocarbon services
- Contains no perfumes or heavy metals
- Non-Toxic, Non-Hazardous - Environmentally Friendly.

The information and the recommendations made in this data sheet are based upon collected data and believed by us to be correct. However, no guarantee or warranty of any kind, expressed or implied is made herein with respect to the merchandise described; and we assume no responsibility for the results or the use thereof.



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