



# MARSON MOLY NO. 2 GREASE

**MARSON MOLY NO. 2** is an economical multi-purpose, extreme pressure grease that contains molybdenum disulfide ( $\text{MoS}_2$ ) for extra protection. It is compounded from selected base oils, additives and a lithium stearate thickener. Although **MARSON MOLY NO. 2** is primarily designed for mobile equipment, it has also performed well in industrial applications.

**MARSON MOLY NO. 2** contains extreme pressure (EP) additives molybdenum disulfide for additional protection when heavy continuous loads or shock loading is encountered. Molybdenum disulfide, or "moly" as it is often referred to, is a black powder with a unique wear reducing ability. Moly particles have an affinity for metal. Thus, they coat metal surfaces with a protective layer that guards against metal-to-metal contact. Furthermore, the particles act as "microscopic ball bearings" to reduce friction. The EP additives and moly compounded in **MARSON MOLY NO. 2** effectively enhance the lubricant's film strength and substantially reduces wear. The result is longer component life and lower maintenance cost.

**MARSON MOLY NO. 2** also contains rust and corrosion inhibitors to protect metal surfaces. **MARSON MOLY NO. 2** scored a "perfect pass" in the demanding ASTM D-1743 rust prevention test. Corrosion protection is very important to equipment exposed to the weather. In addition, potent oxidation inhibitors provide outstanding thermal stability and a long service life.

The lithium soap thickener used in **MARSON MOLY NO. 2** produces good water resistance.

This helps it resist water washout; an important feature for truck and mobile equipment applications

## BENEFITS:

- EXTREME PRESSURE PROTECTION
- GOOD WATER RESISTANCE
- HIGH FILM STRENGTH
- CONTAINS MOLYBDENUM DISULFIDE FOR EXTRA PROTECTION
- EXTENDS REGREASING INTERVALS

## APPLICATIONS:

**MARSON MOLY NO. 2** is a versatile lubricating grease that can be used in a wide range of automotive and mobile equipment applications. Its extreme pressure capacity and water resistance make it suitable for the lubrication of automobile, truck, agricultural and heavy duty construction/mining equipment. It is especially well suited for truck king pins, heavy equipment chassis and other demanding applications on heavy equipment.

**MARSON MOLY NO. 2** is an NLGI grade 2; the most frequently recommended grade. It can be used in a wide temperature range from  $-5^{\circ}\text{F}$  to  $280^{\circ}\text{F}$  (depending upon the method of application.) **MARSON MOLY NO. 2** may be applied either manually or automatically via a central system.



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## TYPICAL CHARACTERISTICS

ISO Viscosity Grade	2
Product Code	39173
Thickener Type	Lithium Stearate
Texture	Smooth
Color	Dark Gray
Worked Penetration (ASTM D-217)	280
Dropping Point (ASTM D-2265) °F (°C)	340 (171)
Base Oil Viscosity (ASTM D-445):	
cSt @ 40°C	152
cSt @ 100°C	11.9
SUS @ 100°F	813
SUS @ 210°F	67
Oxidation Stability (ASTM D-942) psi drop,100 Hrs	5.0 max.
Copper Corrosion (ASTM D-4048)	Pass
Rust Prevention ASTM D-1743)	1,1,1
Timken OK Load (ASTM D-2509) lbs.	35
Four Ball EP (ASTM D-2596)	
Weld Point, kg	250
Load Wear Index, kg	45
Four Ball Wear (ASTM D-2266)	0.45
Scar Diameter, mm	300
Approximate Temperature Range* °F (°C)	-5 to 280 (-20 to 138)
NLGI Classification	LB

\* Actual temperature range is subject to method of application and equipment design.

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.  
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