



# 153M MOLYGDARD

- GEAR OILS
- MOTOR OILS
- HYDRAULIC OILS
- PIPE COATINGS
- THREAD SEALANTS
- BEARING GREASES
- SPECIALTY GREASES
- THREAD COMPOUNDS
- SUCKER ROD COATINGS
- OUTSIDE PRESERVATIVES
- WIRELINE GREASE SEALS
- CLEANERS & DEGREASERS
- PIPE STORAGE COMPOUNDS
- RUST & CORROSION INHIBITORS
- THREAD LOCKING COMPOUNDS
- VALVE LUBRICANTS & SEALANTS
- TOOL JOINT & DRILL COLLAR COMPOUNDS

## PRODUCT DESCRIPTION

153M Molygard is a multipurpose grease manufactured with molybdenum disulfide. 153M Molygard offers increased protection against mechanical shear. It contains rust and corrosion additives as well as oxidation inhibitors enhancing the performance of this multipurpose grease. 153M Molygard contains extreme pressure additives for increased load carrying capabilities and anti-wear properties for effective performance under high load conditions. With a dropping point of 352°F (177°C), 153M Molygard is recommended for applications requiring stability, and where high-temperature and film forming properties are required.

## BENEFITS

- Resists mechanical shear
- Water resistant
- Rust and oxidation resistant
- Extreme pressure properties
- Anti-wear properties
- Multipurpose industrial lubricant with moly

## APPLICATION

With a dropping point of 352°F (177°C), 153M Molygard is recommended for applications requiring stability, and where high-temperature and film forming properties are required. Applications include low and high speed equipment, cold or hot temperature operations, and wet or dry running service. 153M Molygard is also used on anti-friction bearings and journals, V-joints, water pumps, chassis, springs and general applications. 153M Molygard is widely used by industries including mining, steel mills, construction, and heavy equipment.

## TYPICAL OBSERVATIONS

Color	Gray
Texture	Smooth
Thickener	Lithium Soap
Density, lb/gal @ 77°F (25°C)	7.37
Specific Gravity, @ 77°F (25°C)	0.88
Dropping Point, ASTM D-2265	352°F (177°C)
Flash Point, ASTM D-92	>400°F (>204°C)
Penetration, ASTM D-217	
worked @ 77°F (25°C)	285
Base Oil Viscosity	
SUS @ 100°F (37°C)	750
SUS @ 210°F (98°C)	64
Corrosion Preventive Properties,	
ASTM D-1743 @ 125°F (51°C)	Pass
Water Washout Characteristics,	
ASTM D-1264 @ 100°F (37°C)	2.38%
Evaporation Loss,	
ASTM D-972 @ 210°F (98°C)	1.20%
Oil Separation,	
ASTM D-1742 @ 77°F (25°C)	0.21%
Oxidation Stability, ASTM D-972	
210°F (98°C) 72 hrs. PSI Loss	2.5
Temperature Range	5°F to 300°F (-15°F to 148°C)
Shelf Life (unopened container)	Two Years

## RELATED PRODUCTS

- 153 Machinery Grease
- 153L Machinery Grease with LIQUILON®
- 153R Red Machinery Grease
- 153LSYN Synthetic MP Lithium Grease with LIQUILON

