

## MOSIL GM - 50

### Moly Based Antiseize Compound

It is a highly concentrated microsize molybdenum disulphide based multipurpose assembly/lubricating paste fortified with special additives to withstand very high temperature and extreme loads. It is most ideally suitable as an assembly paste for grease lubricating system to ensure freedom from scuffing and scoring. MOSIL GM-50 eliminates metal to metal contact between nuts and bolts preventing them from seizing leading to breakage under extremely heavy load.

#### AREA OF APPLICATION

For all threaded connections such as Nuts, Bolts, Studs, Pipe couplings, U-bolts, Flanges etc. Journal bearings, Speed reducers, Kingpins, Splines, Slides operating under shock condition subjected to very heavy intermittent loads.

#### BENEFITS

- Prevents seizure under heavy loads, for all threaded connections.
- Easy and quick dismantling of mechanical parts
- Reduces maintenance down time.
- An effective press fitting and assembly aid.

#### PACKING: 100-gm. tube, 1 Kg Jar

Owing to evolving packaging solutions, user is requested to kindly check the availability of a specific pack size prior to standardization.



# PRODUCT BULLETIN

## CHARACTERISTICS

## TYPICAL VALUES

1. Appearance	Smooth Greasy Texture
2. Base	Moly
3. Colour	Grayish Black
4. Specific Gravity	1.1 - 1.4
5. Worked penetration	310 - 340
6. Water Resistance	Excellent
7. Copper Strip Corrosion	Negative
8. Additives	Antioxidant & Corrosion Inhibitor
9. Percentage of Solids	50% (min)
10. Heat stability	No sign of break down. No marked change in consistency.  No separation of oil.
11. Co-efficient of friction	0.109
12. Load Carrying Capacity	300,000 psi
13. Temperature Range	-20°C to 1100°C <i>(For threaded connections only)</i>

*Material Safety Information required for safe usage of this product may not be included in this product bulletin and may be sought by contacting MOSIL. Users are advised to go through the Material Safety Data Sheet (MSDS) of this product prior to application / usage of this product.*

*All statements and information contained in this document are based on the laboratory testing and user experience on actual applications. Owing to the exhaustive possibility of application for which this product may be used and the variety of equipments, performance parameters, environmental conditions and unpredictable human factors, we strongly recommend that this product be tested on the actual application prior to its standardization. All information contained herewith is offered in good faith but without any expressed or implied warranty. This Product Bulletin may already have been revised considering the availability of raw components, legislation, user experience & expectations and enhancement of knowledge of the development team of MOSIL. Users are requested to kindly seek the latest version of this product bulletin by contacting MOSIL. Information provided in this Product Bulletin is based on the generalised expectations and requirements of users. Additional information for this product may also be sought by contacting MOSIL.*

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