

## **MOSIL SN - 12** (Multifunctional Silicone Grease)

It is a synthetic grease compounded from fortified silicone oil thickened with a special lithium soap and E.P. additives to meet the most critical industrial applications. It is ideally suitable for very high speed and high temperature applications. It possesses an excellent resistance to oxidation in corrosive atmosphere and break down due to shear. It has outstanding water repellency characteristic for marine and humid atmosphere. It is far more inert and heat stable making it a life long lubricant. It is ideal for low torque bearings.

### **AREA OF APPLICATION**

All types of anti-friction Ball and Roller bearings, Sleeve bearings and Needle bearings operating under very high speeds and high temperatures. For Steam joints and Submersible pump bearings, Water turbines, Conveyor systems, Electric motors of class "H" insulation's. Washing machines, Domestic appliances, Portable Air Coolers etc.

### **BENEFITS**

- Conforms to MIL - G - 4343C, JSD XG 269, NATO G - 392
- Multipurpose Applications.
- Life long lubricant.
- Operates under extremes of speed and temperature.
- Reduces maintenance downtime
- Water repellent
- Chemically Inert
- Low starting torques at low temperature

### **PACKING:** 1 Kg Jar, 20 Kg Pail

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

**Mosil Lubricants Private Limited**

Technical Services Dept: "ANIRA" Plot No. A-791/3, MIDC Khairne, Navi Mumbai - 400710. INDIA  
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Regd Office:166/1, KALANIDHI, Sion(West), Mumbai - 400 022 | CIN # U23200 MH 2000 PT C124177



# PRODUCT BULLETIN

<u>Sr</u>	<u>CHARACTERISTICS</u>	<u>TYPICAL VALUES</u>
1	Appearance	Smooth Homogeneous Grease
2	Base	Silicone / Complex Lithium
3	Colour	Light beige <i>(Minor variation in shade has no effect on the performance of the product)</i>
4	Specific Gravity	1.0 ± 0.1
5	Drop Point, °C ASTM D - 566	210
6	Consistency (NLGI)	# 2
7	Worked Penetration ASTM D - 217	265 - 295
8	Water Resistance DIN 51 - 807	1 - 90
9	Copper Strip Corrosion ASTM D - 4048	Negative
10	Additives	Anti-wear, Anti-rust, Anti-corrosion & Anti-oxidant
11	Thermal Stability (%) ASTM D - 6184	5 (max)
12	Seal Compatibility (Seal Swell Tests)	Pass
13	Temperature Range	-40°C to 170°C

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**STUBBORN LUBRICANTS FOR TOUGH APPLICATION**

**MOSIL**  
LUBRICANTS

*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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