

MOSIL SAM - 2020

High Speed Bearing Grease

It is synthetic grease specially formulated with highly stable chemical additives for high speed operations. These special chemical additives reduce the fatigue and abrasive wear considerably under extreme dynamic load conditions where operating speeds and temperature are too high. It is ideally suitable for centralized lubrication system where fluid greases are required to reduce their internal friction and pumping losses.

AREA OF APPLICATION

- ➔ Centralized lubrication systems, FHP motors, Instrument bearings, Gear couplings, internal grinders, Manhot spindles, Universal joints, Hand-tools etc.
- ➔ Top rollers needle bearings of Draw frames in Textile Industries.

BENEFITS

- ➔ Heavy duty high temperature grease
- ➔ Reduces maintenance down time
- ➔ Extends re-lubrication interval
- ➔ Long life lubricants

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.



Sr	CHARACTERISTICS	TYPICAL VALUES
1.	Appearance	Smooth Homogeneous
2.	Base Oil, Thickener	Synthetic, Lithium 12HSA
3.	Colour	Buttery Pink to Beige <i>(Minor variation in shade has no effect on the performance of the product)</i>
4.	Specific Gravity	0.90 ± 0.1
5.	Drop Point	180°C(min)
6.	Consistency (NLGI)	2
7.	Worked Penetration	265 - 295
8.	Base Oil Viscosity (cSt) 40°C	16
9.	Base Oil Viscosity (cSt) 100°C	4
10.	Flash Point of Base Oil, °C	200 (min)
11.	Pour Point of Base Oil, °C	-30 (max)
12.	DN Factor	1,000,000
13.	4 Ball Wear Scar (mm)	0.6
14.	Copper Strip Corrosion	Negative
15.	Oxidation Stability (kg / cm ²)	0.1 (max)
16.	Temperature Range	-40°C to 150°C



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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Mosil Lubricants Private Limited

Technical Services Dept: "ANIRA" Plot No. A-791/3, MIDC Khairne, Navi Mumbai - 400710. INDIA
T: +91 22 2464 0500 /0501 | F: +91 22 2778 8505 | E: corporate@mosil.com | W: www.mosil.com
Regd Office: 166/1, KALANIDHI, Sion(West), Mumbai - 400 022 | CIN # U23200 MH 2000 PT C124177

