

MOSIL Robolube - 320M

Specialty Gear Oil

MOSIL Robolube - 320M is a specialty gear oil formulated with highly refined mineral oil along with latest additive technology with friction modifiers to provide high performance and long service life due to lower sludge formation. It contains sulphur - phosphorus chemistry of EP additives that provides high load carrying ability and wear protection. MOSIL Robolube - 320M gear oil is formulated with special additive system to resist micropitting in gears and provides protection against corrosion of steel and copper containing alloys. It resists foaming and can be used in either splash or circulating system.

MOSIL Robolube - 320M gear oil is suitable wherever Industrial Gear oil is required. It is suitable for the lubrication and protection of enclosed gears including spur, helical and bevel designs besides providing protection against shock loading generally observed in worm gears. It can also be used for lubrication of plain bearings and in rolling contact (anti friction) bearings.

AREA OF APPLICATION

Specially developed for the Enclosed Gear Drives and other gear boxes in Robotic Assemblies.

BENEFITS

- Sparkling Blue colour for easy identification
- High Viscosity Index thereby ensuring better performance at extreme ends of the temperature range.
- Improved low-temperature fluidity due to wax-free base stock.
- Excellent Oxidation Resistance and high temperature stability.
- Excellent rust & corrosion protection.
- Superior antiwear and EP properties.

PACKING: 20 Ltr Pail, 210 Ltr Drum

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



PRODUCT BULLETIN

Sr	<u>CHARACTERISTICS</u>	<u>TYPICAL VALUES</u>
1	ISO VG Grade	320
2	Appearance	Clear
3	Colour (Visual)	Blue to Dark Blue <small>(minor variation in colour has no effect on the performance of the product)</small>
4	Flash Point °C (COC)	240 °C (typical)
5	Kinematic Viscosity @ 40 °C (cSt)	288 - 352
6	Kinematic Viscosity @ 100 °C (cSt)	21 - 26
7	Viscosity Index	97 (typical)
8	Copper Strip Corrosion	ASTM 1a
9	Density @ 15 °C, ASTM D - 4052	0.90 ± 0.05
10	Pour Point °C, ASTM D - 97	-18 (max)
11	FZG Scuffing, Fail Stage, (A/8.3/90)	12 +
12	Rust Protection, Distilled Water , ASTM D - 665	Pass

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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