

## **MOSIL Robolube - 150P** Synthetic Gear Oil

MOSIL Robolube - 150P is a water insoluble polyalkylene glycol based synthetic gear oil formulated with latest additive technology with friction modifiers to provide high performance and long life. Owing to its high Viscosity Index, excellent resistance to thermal degradation and superior thermal conductivity, the oil has good viscosity - temperature relations thereby offering excellent performance at high temperature. In addition it has got anti-foaming demulsibility and E.P. properties for heavy duty applications.

### **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	150
2	Appearance	Clear
3	Colour (Visual)	Blue to Dark Blue (minor variation in colour has no effect on the performance of the product)
4	Flash Point °C (COC)	220°C (typical)
5	Kinematic Viscosity @ 40°C (cSt)	135 - 165
6	Viscosity Index	202 (typical)
7	Copper Strip Corrosion	ASTM 1a
8	Density @ 15° C, ASTM D - 4052	1.00 ± 0.05
9	Pour Point °C, ASTM D - 97	-30 (max)
10	4 Ball Weld Scar (mm), ASTM D - 2266	0.4 (max)
11	FZG Scuffing, Fail Stage, (A/8.3/90)	12 +
12	Rust Protection, Distilled Water , ASTM D - 665	Pass
13	Foam Test, ASTM D - 892 Sequence 1, Tendency/Stability, ml/ml	0 / 0
	Sequence 2, Tendency/Stability, ml/ml	0 / 0
	Sequence 3, Tendency/Stability, ml/ml	0 / 0

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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