

## MOSIL SAM - 9140

### Long Life Grease



Nonfood Compounds  
Program Listed (**Category Code - H1**)  
(Registration - 153294)

It is a PTFE thickened, heavy viscosity fluorinated grease for long life applications where chemically inert greases are required for handling corrosive or oxidizing substances. SAM - 9140 incorporates high viscosity PFPE base oil for its excellent high temperature performance. It is a homogeneous light colored grease which is resistant to oxidation and chemical agents. It is compatible with all types of materials such as glass, metals, elastomers, plastics, ceramics etc. They can be used in the presence of water, oils, vapor, all organic substances and solvents which are not highly fluorinated.

### BENEFITS

- ➔ Extremely wide operating range
- ➔ Non-flammable, Oxidation Resistant
- ➔ Excellent lubrication properties.
- ➔ Excellent metal, plastic, elastomers and rubber compatibility.
- ➔ Excellent liquid and gaseous oxygen compatibility.
- ➔ Excellent radiation hardness

**PACKING:**      1 Kg Jar

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



<u>Sr</u>	<u>CHARACTERISTICS</u>	<u>TYPICAL VALUES</u>
1.	Appearance	Smooth Grease
2.	Base	PFPE / PTFE
3.	Colour	White to Light Brown
4.	Specific Gravity, 20°C MSTM IN - 16	1.9 ± 0.1
5.	Drop Point, °C ASTM D - 566	None
6.	Consistency (NLGI)	# 2
7.	Worked Penetration ASTM D - 217	265 - 295
8.	Base Oil Viscosity (cSt), 40°C ASTM D - 445	400 cSt
9.	Water Resistance DIN 51 - 807	1 - 90
10.	Copper Strip Corrosion ASTM D - 4048	Negative
11.	Additives	Anti-oxidant, Anti-rust & Anti-corrosion
12.	Temperature Range	-20°C to 288°C



# PRODUCT BULLETIN



*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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