

MOSIL SAM - 4635

Extreme Temperature Valve Lubricant

A specially formulated extreme temperature synthetic valve lubricant. It is formulated with special chemical additives, friction modifiers and solid lubricants such as Molybdenum Disulphide, Graphite etc. apart from proprietary additives to improve metal adhesion and withstand severe corrosion due to hydrogen sulphide. This extreme temperature resistance grease has excellent metal adhesion and lubricating properties even at high pressures. At extreme temperatures (in excess of 250°C) where fluids are lost, the solid lubricants provide lubrication and fretting corrosion resistance to the mating surfaces ensuring operating within the operational limits.

AREA OF APPLICATION

Ideally suitable for API 6A Wellhead Gate Valves of Temperature Class L-Y. Excellent lubricant for applications involving Hydrogen Sulphide corrosion.

BENEFITS

- ➔ Excellent Steam Resistance
- ➔ Excellent H₂S Resistance
- ➔ Chemically Inert and Water Repellent
- ➔ Will not Harden
- ➔ Suitable for Gate & Plug valve
- ➔ Excellent metal adhesion

NOTE : Not recommended to fill more than 80% of the valve

PACKING: 20 Kg Pail, 180 Kg Drum

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 Homogeneous Tacky
2.	Base	Synthetic
3.	Solid Lubricants	Graphite, Moly etc.
4.	Color	Black
5.	Drop Point	240 (min)
6.	Density @ 20°C	1.0 ± 0.2
7.	Unworked Penetration @ 20°C	310 - 340
8.	Oil Separation (100°C/30hrs)	4.0% (max)
9.	Evaporation Loss (100°C/24hrs)	1.0% (max)
10.	Temperature Range	-50°F to +650°F -46°C to +343°C
11.	Additives	Friction Modifiers , Anti-oxidant, Rust & Corrosion inhibitor, H ₂ S inhibitors etc

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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