

SLKM Synthetic Grease

SLKM Synthetic Grease is lithium complex soap grease that includes MoS_2 and that has field of application, high performance. It is special grease that is produced with high quality base oil percentage.

Usage

It has been developed for use at all lubrication points where high temperature and pressure are required and high resistance to water is desired. It can be used in automotive and industrial applications, bearings and roller and universal connections and chassis. It is suitable for working machines, tractors and all agricultural machines, stationary and mobile cranes, trucks, truck tractors, rock crushers. Also recommended for marine, paper and sugar machines, wet part bearings and mining industry applications.

Features

High Antioxidant and Anticorrosive Effect: It provides full protection to against oxidation with synthetic base oil structure and high resistance to against corrosion and rust.

Wide Application Area: It provides economy thereby decrease the grease variety for multi-purposes applications of vehicle fleets and factories.

Operating Performance at High Temperatures, Long Working Time: It has excellent resistance at high temperaturesand it has high dropping point. It works full performance at low and high temperatures with synthetic structure.It provides prolong life cycle with resistive synthetic structure.

Anti-Wear Extra Protection Performance: It minimizes the maintenance expense thereby decreasing the wear with high pressure additives (EP) which contains MoS2 and graphite.

Low Grease Consumption: It provides low grease consumption by way of high adhesive and fibrous structure.

Technical Specifications

Soap Type	-	Lithium Complex
Colour	Visual	Black
Solid Lubricant	-	MoS_2+Graphite
NLGI	-	2
Worked Penetration @25 °C	ASTM D 217	265-295
Dropping Point, °C, min.	TS 5937 ISO 6299	240
Operating Temperature, °C	-	-30 /+160 (Max. 240**)
Four Ball Analysis, kgf, min.	ASTM D 2596	30
Oil Separation, 40 °C, 42 Hours, %	ASTM D 1742	5
Evaporation Loss, 22 hours, 99 °C, Max.	ASTM D 972	3
Oxidation Value; 100 hours, Max.	ASTM D 942	34,5
Oxidation Value; 400 hours, Max.	ASTM D 942	138

Copper Strip Corrosion @100°C, 24h, max.	ASTM D 4048	1b
Working Stability, 100000 double stroke	ASTM D 217	-25 / +60

**Data given above are typical properties and may vary slightly.*
***It can operate up to this temperature if continuously lubricated.*

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