

GRESON KSX MP M-2

CALCIUM SULFONATE COMPLEX GREASE WITH SOLID LUBRICANT

PRODUCT DESCRIPTION

It is a new generation calcium sulfonate complex-based grease developed for multi-purpose use in automotive and industrial applications with high quality base oils and calcium sulfonate thickener technology. It is resistant to extreme load, water and high temperature and shows excellent performance in harsh operational conditions.

Compared to other soap-based thickeners, it shows better water resistance under operating conditions, extending lubrication intervals, and also provide excellent protection against rust and corrosion. Thanks to its higher extreme pressure property, it provides superior protection against wear, extend equipment life and increase operational efficiency. In addition, the lubrication property is enhanced by the solid lubricant molybdenum disulfide (MoS₂).

APPLICATION/USAGE

It is a multi-purpose and high-performance molybdenum disulfide grease that can be used in harsh operating conditions in automotive, construction, mining, marine and different industrial sectors.

ADVANTAGES/BENEFITS

- Thanks to its calcium sulfonate complex structure, it provides high resistance and protection against rust and corrosion even in working conditions where water is concentrated.

- Specially selected base oil and thickener technology provide very good pumpability performance at low operating temperatures, providing uninterrupted lubrication.
- Thanks to its superior mechanical stability, it maintains its consistency under harsh operating conditions and provide long-term and efficient lubrication.
- Provides excellent high temperature resistance with high dropping point.
- It extends the life of the system by protecting the system against wear with its excellent load resistance feature even in demanding applications with extreme pressure and shock loads.

STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

HEALTH AND SAFETY

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

TECHNICAL PROPERTIES	TYPICAL TEST VALUES	TEST METHOD
NLGI Class	2	
Color	Black	-
Soap Type	Calcium Sulfonate Complex	-
Operating Range	-30°C - 180°C	-
Base Oil Viscosity (40°C, cSt)	160	ASTM D 445
Worked Penetration, (25°C,60 strokes)	280	ASTM D 217
Dropping Point (°C)	300	ASTM D 566
4-Ball Weld Load (kg)	>600	ASTM D 2596
4-Ball Wear Scar (mm, 392 N, 60 min.)	0.5	ASTM D 2266
Rust Test	Pass	ASTM D 1743
DIN Classification	KPF 2 R-30	DIN 51825

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

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