

# GRESON LKM GREASES

## MULTIPURPOSE LITHIUM COMPLEX SOAP GREASES

### PRODUCT DESCRIPTION

GRESON LKM GREASES are lithium complex soap based, black colored, high performance long-life greases containing molybdenum disulfide (MoS<sub>2</sub>) and extreme pressure additives, resistant to wear, corrosion and water wash-out.

### APPLICATION/USAGE

They are recommended for multi-type industrial applications such as medium and high speed/ load bearings, every type of shear surfaces, vertical shaft applications, electrical motors, lubrication of automotive equipments.

They are especially used in automotive sector, instead of lithium and calcium greases in axel bearings of automotive. The recommended operating temperature range is from -20 °C to 180°C.

### ADVANTAGES/BENEFITS

- They provide long-life protection for vehicles due to their high thermal stability and wear preventive properties.
- They provide low wear values under shock or heavy loadings.

- They provide a good equipment protection and lubrication due to their superior protective properties against corrosion and oxidation.
- They are cost effective in Grease consumption due to their excellent lubrication properties.
- They are long-life products due to their high oxidation resistance.

### 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	TEST VALUES			TEST METHOD
NLGI Class	0	1	2	-
Soap Type	LITHIUM COMPLEX			-
Color	Gray-Black			-
Base oil Viscosity (40°C, cSt)	150			ASTM D 445
Base oil Viscosity (100°C, cSt)	15			ASTM D 445
Worked Penetration, (25°C,60 strokes)	375	330	275	ASTM D 217
Dropping Point (°C)	220	230	250	ASTM D 566
Welding Load (kg)	min. 400			ASTM D 2596
Copper Corrosion (3 h, 100°C)	1b			ASTM D 2782
Corrosion Test	No corrosion			ASTM D 1743
DIN Classification	KPF 0 R-20	KPF 1 R-20	KPF 2 R-20	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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