PRODUCT INFORMATION

HIGHTEC GREASEGUARD MoS2

Universal lithium mineral oil-based soap lubricating grease with molybdenum disulphide as a solid lubricant as well as corrosion and oxidation inhibitors. Recommended for use in sliding and rolling bearings that are subjected to high intermittent loads within a temperature range of -30°C to +130°C.

Description

HIGHTEC GREASEGUARD MoS2 possesses outstanding walk stability, good cold flow ability and outstanding wear protection by using molybdenum disulphide i.a. as solid lubricant components. HIGHTEC GREASEGUARD MoS2 also reliably protects against wear, even under extreme loads in mixed friction conditions.

Application

The selected base oils and a premium lithium soap of the highest quality guarantee a walk-stable lubricating grease, even in the case of longer lubricating intervals, accompanied by a high mechanical load capacity.
Recommended for use in sliding and rolling bearings subjected to high loads at operating temperatures between -30°C and +130°C, for example in agriculture, in heavy-goods vehicles etc. or in other sectors in which high and/or oscillating forces are at work.

Equivalent quality in accordance with EU-law as per

- DIN 51 502/51 825: KPF 2 K-30
- T[°C]: -30 ... +130
- T[°F]: -22 ... +266

Advantages

- Very good wear protection properties
- Very walk stable
- Outstanding resistance to oxidation
- Excellent pressure absorption capacity
- Good corrosion protection
- Very good resistance to water
- Good adhesive power

Notes

- If stored appropriately in originally sealed containers in a dry place, away from direct sunlight and at temperatures between 10°C and 30°C, the minimum storage period is 24 months.
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- A safety data sheet is available upon request for information on health, safety and environmental aspects. A little oil separation is caused by the product's attributes and harmless.
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- It is desirable to a certain extent to ensure lubrication, and no indication of inferior product quality. The separated oil can be incorporated again homogenously by folding it in comprehensively.

ROWE MINERALÖLWERK GMBH
Langgewann 101, D-67547 Worms

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PRODUCT INFORMATION

ROWE®

Typical characteristics

Property	Method	Unit	Value
Corrosion effect on copper	DIN 51 811	Grad	1 - 100
Color		visual	anthrazit / anthracite
Classification	ISO 6743-9	-	ISO-L-X-CCEB2
NLGI-class	DIN 51 818	-	2
Worked penetration	DIN ISO 2137	0,1 mm	265 - 295
Dropping point	DIN ISO 2176	°C	> 185
Usage temperature		°F	-22 bis +266
Thickener type	-	-	Lithium
VKA welding force	DIN 51 350/4	N	4000
Corrosion protection	DIN 51 802	Korrosionsgrad	0-0
Resistance to water	DIN 51 807/1	-	1 - 90
Grundölviskosität, 40 °C	ASTM D-7042	mm²/s	125

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

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