

HIGHTEC GREASEGUARD EP 3

Premium, multi-purpose lubricating grease based on mineral oil and Lithium-12-hydroxystearate soap with good EP (Extreme Pressure) quality for use in rolling and sliding bearings.

Description

HIGHTEC GREASEGUARD EP 3 is a walk stable, water-resistant, multi-purpose grease based on mineral oil with Li-12-hydroxystearate soap and having good adhesive properties.

Application

HIGHTEC GREASEGUARD EP 3 is used as a multi-purpose grease for lubricating rolling and sliding bearings subjected to high pressure loads. It is particularly suitable for the multi-functional lubrication of power-driven vehicles as well as industrial and construction machinery.

Equivalent quality in accordance with EU-law as per

- DIN 51 502/51 825: KP 3 K-30
- T[°C]: -30 ... +130
- T[°F]: -22 ... +266

Advantages

- Multi-functional use in rolling and sliding bearings
- Walk stable
- Resistant to oxidation
- Good corrosion protection
- Good resistance to water
- Good adhesive power
- High pressure absorption capacity

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 homogeneously by folding it in comprehensively.



Typical characteristics

Property	Method	Unit	Value
Corrosion effect on copper	DIN 51 811	Grad	1 - 100
Color		visual	braun / brown
Classification	ISO 6743-9	-	ISO-L-X-CCEB3
NLGI-class	DIN 51 818	-	3
Worked penetration	DIN ISO 2137	0,1 mm	220 - 250
Dropping point	DIN ISO 2176	°C	> 185
Usage temperature		°F	-22 bis +266
Thickener type	-	-	Lithium
VKA welding force	DIN 51 350/4	N	3200
Corrosion protection	DIN 51 802	Korrosionsgrad	0-0
Resistance to water	DIN 51 807/1	-	1 - 90
Grundölviskosität, 40 °C	ASTM D-7042	mm ² /s	130

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).

