

## HIGHTEC GREASEGUARD EP 1

Premium, multi-purpose lubricating grease based on lithium soap with pronounced EP (Extreme Pressure) properties for use in rolling and sliding bearings.

### Description

HIGHTEC GREASEGUARD EP 1 is a multi-purpose grease produced using selected base oils and lithium-based thickeners with chemically-acting EP additives.

### Application

HIGHTEC GREASEGUARD EP 1 is used as a multi-purpose grease to lubricate rolling and sliding bearings subjected to high and abruptly occurring pressures and vibrations. It is particularly suitable for automatic lubrication systems due to its soft consistency.

### Equivalent quality in accordance with EU-law as per

- DIN 51 502/51 825: KP 1 K-30
- T[°C]: -30 ... +120
- T[°F]: -22 ... +248

### Advantages

- Multi-purpose grease for use in rolling and sliding bearings
- Very well suited to automatic lubrication systems
- Very good wear protection properties
- Extremely wear 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 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-CCEB1
NLGI-class	DIN 51 818	-	1
Worked penetration	DIN ISO 2137	0,1 mm	310 - 340
Dropping point	DIN ISO 2176	°C	> 185
Usage temperature		°F	-22 bis +248
Thickener type	-	-	Lithium
VKA welding force	DIN 51 350/4	N	2800
Corrosion protection	DIN 51 802	Korrosionsgrad	0-0
Resistance to water	DIN 51 807/1	-	1-90
Grundölviskosität, 40 °C	ASTM D-7042	mm <sup>2</sup> /s	140

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](http://www.rowe-oil.com)).

