

## 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.

### The quality of this product is equivalent to EU regulations

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

### Benefits

- Multi-purpose grease for use in rolling and sliding bearings
- Very well suited to automatic lubrication systems
- Very good wear protection properties
- Extremely stable
- Outstanding resistance to oxidation
- Excellent pressure absorption capacity
- Good corrosion protection
- Very good resistance to water
- Good adhesive power

### Notices

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.

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.

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
Color	visuell	-	braun / brown
Thickener type	-	-	Lithium
Classification	DIN 51 502	-	KP 1 K-30
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	-	°C	-30 bis +120
Usage temperature	-	°F	-22 bis +248
VKA welding force	DIN 51 350-4	N	2800
Corrosion protection (Emcor)	DIN 51 802	Korr.-Grad	0-0
Resistance to water	DIN 51 807-1	Bew.-Stufe	1-90
Base oil viscosity at 40 ° C	ASTM D-7042	mm <sup>2</sup> /s	140
Corrosion effect on copper	DIN 51 811	Korr.-Grad	1-100

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe.com.de).

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50010 | 23.07.2019