

## 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.

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

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

### Benefits

- 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

### 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
Classification	DIN 51 502	-	KP 3 K-30
	ISO 6743-9	-	ISO-L-X-CCEB3
NLGI-class	DIN 51 818	-	3
Thickener type	-	-	Lithium
Color	visuell	-	braun / brown
Base oil viscosity at 40 ° C	ASTM D-7042	mm²/s	130
Worked penetration	DIN ISO 2137	0,1 mm	220 - 250
Dropping point	DIN ISO 2176	°C	> 185
VKA welding force	DIN 51 350-4	N	3200
Corrosion protection (Emcor)	DIN 51 802	Korr.-Grad	0-0
Corrosion effect on copper	DIN 51 811	Korr.-Grad	1 - 100
Resistance to water	DIN 51 807-1	Bew.-Stufe	1 - 90
Usage temperature	-	°C	-30 bis +130
Usage temperature	-	°F	-22 bis +266
Base oil	-	-	Mineralisch / mineral based

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

