

## HIGHTEC GREASEGUARD ALLTEMP 2

Premium, multi-purpose lubricating grease based on a lithium complex soap for use in rolling and sliding bearings with long lubrication intervals and high steady-state temperatures.

### Description

HIGHTEC GREASEGUARD ALLTEMP 2 is a multi-purpose grease produced using selected base oils and lithium-based thickeners.

### Application

HIGHTEC GREASEGUARD ALLTEMP 2 is used as a multi-purpose grease for lubricating rolling and sliding bearings subjected to high pressure loads, even at increased temperatures. It is particularly suitable for lubricating high-load wheel bearings in commercial vehicles and high-speed wheel bearings in passenger cars. The frequency of the lubrication intervals is reduced at steady-state temperatures exceeding 160°C!

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

- DIN 51 502: KP 2 P-30
- T[°C]: -30 ... +160
- T[°F]: -22 ... +320

### Additionally this product is recommended when the following filling instructions are required

- MB 265.1
- MAN 284 Li-H2

### Benefits

- First-class economy grade for multi-functional use in rolling and sliding bearings
- Very wear stable
- Outstanding resistance to oxidation
- Excellent pressure absorption capacity
- High temperature resistance
- Exceptional 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
Classification	DIN 51 502 ISO 6743-9	-	KP 2 P-30
NLGI-class	DIN 51 818	-	2
Thickener type	-	-	Lithiumkomplex
Color	visuell	-	blau / blue
Base oil viscosity at 40 ° C	ASTM D-7042	mm <sup>2</sup> /s	160
Worked penetration	DIN ISO 2137	0,1 mm	265 - 295
Dropping point	DIN ISO 2176	°C	> 260
VKA welding force	DIN 51 350-4	N	2800
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
Oil separation 18h at 40 ° C	DIN 51 817	%	<1,5
Usage temperature	-	°C	-30 bis +160
	-	-	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.com.de](http://www.rowe.com.de)).

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