

## 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!

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

- DIN 51 502/51 825: KP 2 P-30
- T[°C]: -30 ... +160
- T[°F]: -22 ... +320

### This product is also recommended when the following filling instructions are required

- MB 265.1
- MAN 284 Li-H2

### Advantages

- 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

### 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.
- 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
Corrosion effect on copper	DIN 51 811	Grad	1-100
Color		visual	blau / blue
Classification	ISO 6743-9	-	ISO-L-X-CEEB2
NLGI-class	DIN 51 818	-	2
Worked penetration	DIN ISO 2137	0,1 mm	265 - 295
Dropping point	DIN ISO 2176	°C	> 260
Usage temperature		°C	-30 bis +160
Thickener type	-	-	Lithiumkomplex
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	160
Oil separation 18h at 40 °C	DIN 51 817	%	<1,5

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)).

