

## HIGHTEC RACING GREASEGUARD RLF 2

Premium, synthetic grease based on a lithium complex soap for wheel bearings. Developed specifically for wheel bearings subjected to high mechanical loads in vehicles used for racing. Temperature range from -30°C to +160°C.

### Description

HIGHTEC RACING GREASEGUARD RLF 2 is a synthetic grease used for wheel bearings and produced using lithium soap with wear protection, corrosion protection and EP additives.

### Application

HIGHTEC RACING GREASEGUARD RLF 2 is suitable for lubricating rolling and sliding bearings within a high temperature range at high speeds for use in vehicles and in the industry.

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

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

### Benefits

- Good corrosion protection, even under unfavourable environmental influences
- Resistant to ageing
- Suitable for rolling bearings subjected to high thermal loads
- Additional operating temperature range
- High pressure absorption capacity
- Wear-reducing

### 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 2 P-30
	ISO 6743-9	-	ISO-L-X-CEEB2
NLGI-class	DIN 51 818	-	2
Thickener type	-	-	Li-Komplex
Color	visuell	-	hellbraun / light brown
Base oil viscosity at 40 ° C	ASTM D-7042	mm <sup>2</sup> /s	100
Worked penetration	DIN ISO 2137	0,1 mm	265 - 295
Dropping point	DIN ISO 2176	°C	> 250
VKA welding force	DIN 51 350-4	N	2600
Corrosion protection (Emcor)	DIN 51 802	Korr.-Grad	0-0
Corrosion effect on copper	DIN 51 811	Korr.-Grad	1-120
Resistance to water	DIN 51 807-1	Bew.-Stufe	1-90
Oil separation, 7d/40°C	DIN 51 817	%	1 - 3
Usage temperature	-	°C	-30 bis +160

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).

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