

## HIGHTEC RACING GREASEGUARD RLF 2

Premium, semi-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 semi-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.

### 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<br>ISO 6743-9 | -                  | KP 2 P-30               |
| 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                    |
| Ölabscheidung, 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.com.de](http://www.rowe.com.de)).

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