# PRODUCT INFORMATION



### RADSATZROLLENLAGERFETT GPFV

#### **Description**

RADSATZROLLENLAGERFETT GPFV is an oxidation stable grease of dark brown colour, based on lithium-12-hydroxystearate soap and mineral oil.

#### **Application**

RADSATZROLLENLAGERFETT GPFV shows excellent lubricating properties in cylindrical roller bearings of Bundesbahn wheel sets, where it runs for 700.000 kilometers without relubrication.

#### **Shelf Life**

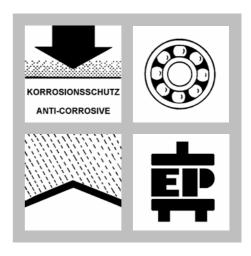
The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.

#### **Advantages**

- Water resistant
- Protects against corrosion
- High work resistance
- A highly effective additive combination ensures the safe lubrication of roller bearings and friction bearings

#### Specifications/Approvals

Deutsche Bahn AG "DB-Kenndatenblatt" (DB data sheet), Mat.-No. 106225, ETG 1219 N



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#### **Characteristics**

| Properties                                   | Unit            | Data                                     | Test method              |
|--|-----------------|--|--------------------------|
| Classification                               | -               | KP 2 N-30<br>ISO L-X-CDEB 2              | DIN 51 502<br>ISO 6743-9 |
| Colour                                       | -               | dark brown                               | -                        |
| Thickener                                    | -               | lithium-12-<br>hydroxy-stearate-<br>soap | -                        |
| Dropping point                               | °C              | ≥ 180                                    | IP 396                   |
| Worked penetration (Pw 60)                   | 0,1 mm          | 265 - 295                                | DIN ISO 2137             |
| Corrosion protection properties (Emcor-test) | degree of corr. | 0 - 0                                    | DIN 51 802               |
| Water resistance at 90°C                     | evalstage       | 1 - 90                                   | DIN 51807-T1             |
| Oil separation at 7d / 40°C                  | %               | 0,5 - 6                                  | DIN 51 817               |
| Flow pressure at -30°C                       | hPa             | ≤ 1400                                   | DIN 51 805               |
| Base oil viscosity at 40°C at 100°C          | mm²/s           | 200<br>15                                | DIN 51 562-1             |
| Temperature range                            | °C              | -30 up to +140                           | DIN 51 825               |

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The information contained in this product information is based on the experience and know-how of FUCHS EUROPE SCHMIERSTOFFE GMBH in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally-valid statements about the function of our products are not possible. The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application.

We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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