

RENOLIT LX-PEP 2/3 (EP-Longlife Multipurpose Grease)

Description

RENOLIT LX-PEP 2/3 is a multipurpose EP grease with a wide temperature range. Mineral base oil along with high-quality lithium complex soap and an additive combination give this grease outstanding performance.

Special EP additives improve the load-carrying capacity providing reliable lubrication even under extreme conditions.

RENOLIT LX-PEP 2/3 has exceptional anti-corrosion properties even under adverse environmental factors (moist, aggressive atmosphere and water). They ensure lifetime lubrication of roller bearings operating under high thermal loads.

Application

RENOLIT LX-PEP 2/3 is used generally for all grease lubricated plain and roller bearings (e.g. electric motors), various types of gears, for longterm or lifetime lubrication within the specified temperature range.

Advantages

- Temperature range -30 °C to +150 °C
- Good aging resistance
- Good EP properties
- Excellent anti-wear properties
- Good corrosion protection

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.

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Characteristics

| Properties | Unit | Data | Test method |
|--|--------------------|---------------------------------|------------------------------|
| Classification | - | KP 2/3 N-30 ISO-L-X-CDEB 2/3 | DIN 51 502 DIN ISO 6743-9 |
| Colour | - | Green | - |
| Thickener | - | Lithium- complex-soap | - |
| Base oil | - | Mineral oil | - |
| Dropping point | °C | ≥ 250 | IP 396 |
| Worked penetration (Pw 60) | 0.1 mm | 240 - 270 | DIN ISO 2137 |
| NLGI-class | - | 2/3 | DIN 51 818 |
| Corrosion protection properties (SKF-Emcor-Test with dist. Water) | Degree of corr. | 0 – 0 | DIN 51 802 |
| Water resistance | Eval.-stage | 1 – 90 | DIN 51 807 T1 |
| Four-ball welding load | N | 2600 | DIN 51 350-T4 |
| Flow pressure -30°C | hPa | ≤ 1400 | DIN 51 805 |
| Oil separation at 18h / 40°C at 7d / 40°C | % | ≤ 1 ≤ 3 | DIN 51 817 |
| Oxidation stability, Decrease in pressure after 100/100°C | bar | 0.5 | DIN 51 808 |
| Base oil viscosity at 40°C at 100°C | mm ² /s | 170 14 | DIN 51 562-1 |
| Temperature range | °C | -30 up to +150 | DIN 51 825 |

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