

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-grade	-	2/3	DIN 51 818
Corrosion protection properties (SKF-Emcor-Test with dist. Water)	Degree of corr.	0 – 0	DIN 51 802
Copper corrosion at 24h/100°C	Degree of corr.	1-100	DIN 51 811
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

Product Information

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Note

The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS GERMANY 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.

Our products must not be used in aircraft or spacecraft. Our products may be used in the manufacture of components for aircraft or spacecraft if they are removed without residue from the components prior to assembly into the aircraft or spacecraft.

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