

RENOLIT LX-PEP 2 EP-Longlife Multipurpose Grease

Description

RENOLIT LX-PEP 2 is a multipurpose EP grease with a wide temperature range. Mineral base oil along with high-quality lithium soap and a carefully selected 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 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.

RENOLIT LX-PEP 2 has excellent anti-wear properties and can be applied within a wide temperature range.

Application

RENOLIT LX-PEP 2 is used generally for all grease lubricated sliding surface points, all types of plain and roller bearings, various types of gears, plain and roller bearings in the automotive sector, longterm or lifetime lubrication in the specified temperature range.

Advantages

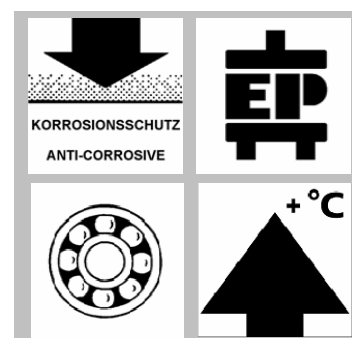
- Temperature range -30 °C to +150 °C
- Good aging resistance
- Good EP properties
- Excellent anti-wear properties
- Good corrosion protection

Specifications/Approvals

- MAN 284 Li-H2.
- MB approval 265.1
- ZF TE-ML 12
- Schaeffler Group
- VW TL 52 147 X
- Interprecise (IDC-Bearings)
- Deutsche Bahn

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 N-30 ISO-L-X-CDEB 2	DIN 51 502 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	265 - 295	DIN ISO 2137
NLGI-class	-	2	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 51 807-1
Four-ball welding load	N	2600	DIN 51 350-4
Flow pressure -35°C	hPa	≤ 1600	DIN 51 805
Oil separation at 18h / 40°C at 7d / 40°C	%	≤ 2 ≤ 6	DIN 51 817
Oxidation stability	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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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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