

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 complex 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 plain and roller bearings (e.g. electrical motors), various types of gears as longterm or lifetime lubrication in the specified temperature range.

RENOLIT LX-PEP 2 is used in plain and roller bearings, particularly well established is the use in wheel bearings of motor vehicles and roller bearings of e-motors as well as in needle bearings of cardan shafts.

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-Sheet 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 -30°C	hPa	≤ 1400	DIN 51 805-2
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	mm²/s	170 14	DIN 51 562-1
Temperature range	°C	-30 up to +150	DIN 51 825

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