PRODUCT INFORMATION

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 anticorrosion properties even under adverse environmental factors (moist, aggressive atmosphere and water). They ensure lifetime lubrication of roller bearings operating under high thermal loads.

The novel manufacturing technology used for RENOLIT LX-PEP 2 guarantees highly effective wear protection over a wide temperature range. High film stability and good adhesion reduce friction and wear to a minimum.

Application

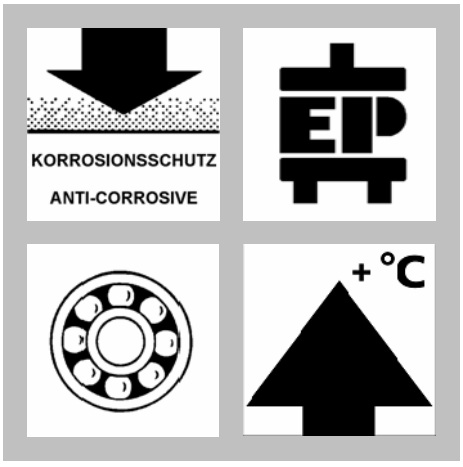
RENOLIT LX-PEP 2 is used generally for all grease lubricated sliding surface points, all types of plain and roller bearings, various types of gears, plain and roller bearings in the automotive sector, long-term or life-time lubrication in the specified temperature range.

Approvals

RENOLIT LX-PEP 2 is approved by
- MAN 284 Li-H2.
- DaimlerChrysler MB Blatt 265.1
- ZF TE-ML 12
- Schaeffler Group

Advantages

- Temperature range -30 °C to +150 °C
- At constant lubrication applicable until +200 °C
- Aging resistant
- Excellent corrosion protection
- Wear reducing
- Elastomers compatible



While the information and figures given here are typical of current production and confirm to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products.

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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	-
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)	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	%	< 1 < 3	DIN 51 817
Oxidation stability	bar	0.5	DIN 51 808
Base oil	-	mineral oil	-
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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