

RENOLIT LX 2

EP High Temperature Multipurpose Grease

Description

RENOLIT LX 2 is a multipurpose lubricating grease based on lithium complex soap for long-term lubrication.

RENOLIT LX 2 is work stable, water resistant, thermally and mechanically high loadable, resistant to aging and particularly anticorrosive.

Application

RENOLIT LX 2 is recommended for all lubricating points particularly where high demands on service life, temperature capability and corrosion protection are required.

RENOLIT LX 2 is suitable for permanent and long-term lubrication. Unnecessary shutdown periods or extensive maintenance works at hardly accessible aggregates can thus be avoided.

RENOLIT LX 2 can be used for lubrication of e.g.

- Electric motors
- Clutch release bearings in passenger cars
- Bearings of hot air fans
- Bearings in construction machinery
- Forging presses

Advantages

- Multipurpose lubricating grease
- Water resistant
- Aging resistant
- Thermally high loadable
- Mechanically high loadable
- Work stable
- 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
Colour	-	Light brown	-
Thickener	-	Lithium-complex soap	-
Dropping point	°C	≥ 230	IP 396
Worked penetration (Pw 60)	0.1 mm	265 - 295	DIN ISO 2137
NLGI-grade	-	2	DIN 51 818
Corrosion protection properties (Emcor test)	Degree of corr.	0 - 0	DIN 51 802
Copper corrosion	Degree of corr.	1 - 100	DIN 51 811
Water resistance	Eval.-stage	1 - 90	DIN 51 807-1
Four ball method, welding load	N	2800	DIN 51 350-4
Flow pressure at -30°C	hPa	≤ 1400	DIN 51 805-2
Oil separation at 18h / 40°C	%	≤ 1,50	DIN 51 817
Base oil viscosity at 40°C at 100°C	mm²/s	160 15,5	ASTM D7042
Temperature range	°C	-30 to +160	-

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