

# RENOLIT LX-N EP 2

## Description

RENOLIT LX-N EP 2 is a semi-synthetic wheel bearing grease with a wide temperature range. The special base oil, a high-quality, extremely shear-stable lithium complex soap, and a selected combination of specific additives serve as basis for the product's excellent long-term properties.

Specific EP-substances improve the pressure compensation properties so that a reliable lubrication is ensured even in extreme conditions, such as low rotational speeds or impact load.

The excellent corrosion protection properties of RENOLIT LX-N EP 2 ensure the service-life lubrication of thermally high loaded lubrication points, even if they are exposed to unfavorable environmental impacts.

The introduction of a new technology in the production of RENOLIT LX-N EP 2 enables a high effective wear protection within the wide service temperature range. The product's resistant lubricant film and its good adhesion properties reduce friction and wear to a minimum.

## Application

RENOLIT LX-N EP 2 is suitable for the lubrication of roller and friction bearings of commercial vehicles and in all industries at high temperatures. It has been especially developed for highly loaded taper roller bearings and hub units with very long relubrication periods. Roller bearings with a rotating outer race can be reliably lubricated in the mentioned temperature range.

## Advantages

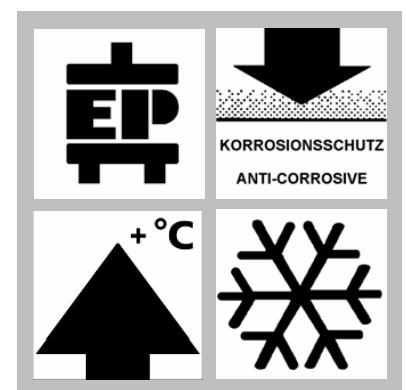
- Temperature range  $-30^{\circ}\text{C}$  up to  $+160^{\circ}\text{C}$
- Aging resistant
- Good corrosion protection, even at aggressive surroundings
- Wear reducing
- Generally plastics compatible
- Suitable for extremely long relubrication periods

## Specifications/Approvals

- MAN: 284 LiH2
- ZF: TE-ML12

## Shelf Life

The minimum shelf life is 36 months if the product is properly stored between  $0^{\circ}\text{C}$  and  $40^{\circ}\text{C}$  in its unopened original container in a dry place.



# RENOLIT LX-N EP 2

## Characteristics

Properties	Unit	Data	Test method
Classification	-	KP 2 P-30 ISO-L-X-CEEB 2	DIN 51 502 DIN ISO 6743-9
Colour	-	light brown	-
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)	degree of corr.	0 – 0	DIN 51 802
Copper corrosion, at 24h	degree of corr.	< 2 / 140°C	DIN 51 811
Water resistance	eval.-stage	1 – 90	DIN 51 807-1
Oil separation 7d/40 °C	%	1-3	DIN 51 817
Oxidation resistance, Pressure drop for 100h/100°C	bar	< 0,5	DIN 51 808
Base oil viscosity at 40°C at 100°C	mm <sup>2</sup> /s	280 22	DIN 51 562-1
Temperature range	°C	-30 to +160	DIN 51 825