# RENOLIT LX-NHU 2

## Description

RENOLIT LX-NHU 2 is a semi-synthetic Hub Unit wheel bearing grease for a broad range of application temperatures. A carefully selected base oil and additive combination together with an extraordinarily shear-stable lithium complex soap give this grease outstanding long-life characteristics.

Optimum EP additives guarantee reliable lubrication even in extreme operating conditions such as low speeds and shock loading.

Highly effective anti-wear agents generate high lube film stability and good adhesion which both reduce friction and wear to a minimum.

## Application

RENOLIT LX-NHU 2 is recommended for the lubrication of plain and rolling bearings in high-temperature applications in commercial vehicles.

RENOLIT LX-NHU 2 was specially developed for highly-stressed taper roller bearings in Hub Units.

## Shelf Life

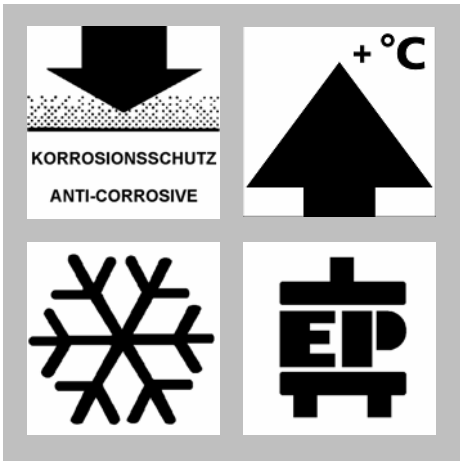
The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place.

## Advantages

- For temperatures between –30 and +160 °C
- Aging resistant
- Prevents from corrosion even in aggressive atmospheres
- Protects against wear
- Generally compatible with plastics

## Specifications/Approvals

- **MAN 284 LiH2**
- **FAG L92**
- **SAF 4387002300**
- **ZF**





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## Characteristics

| Properties | Unit | Value | Test method |
|---|---|---|---|
| Classification | | KP 1/2 P-30<br>ISO-L-X-CEEB 1/2 | DIN 51 502<br>DIN ISO 6743-9 |
| Colour | - | light brown | - |
| Thickener | - | Li complex soap | - |
| Dropping point | °C | > 250 | IP 396 |
| Worked penetration (Pw 60) | 0,1 mm | 280 to 310 | DIN ISO 2137 |
| NLGI grade | - | 1/2 | DIN 51 818 |
| Water resistance | stage | 1 - 90 | DIN 51 807-1 |
| Flow pressure at -30°C | hPa | < 1400 | DIN 51 805 |
| Steel corrosion (Emcor Test)<br>with 0,5% NaCl | degree of corr. | 0 - 0<br>1 - 1 | DIN 51 802 |
| Copper corrosion, 24 hours | degree of corr. | 2 - 140 | DIN 51 811 |
| Oil separation 7d/40°C | % | < 3 | DIN 51 817 |
| Oxidation resistance, drop-in<br>Pressure after 100h at 99°C | hPa | < 500 | DIN 51 808 |
| Base oil | - | Mineral oil/PAO | - |
| Base oil viscosity at 40 °C<br>at 100 °C | mm²/s | 280<br>22 | DIN 51 562-1 |
| Temperature range | °C | -30 up to +160 | DIN 51 825 |





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