

## RENOLIT UNIWAY LIX 42

**Grease for electric motors**

### Description

RENOLIT UNIWAY LIX 42 is a high quality, lubricating grease based on mineral oil, thickened with lithium complex soap. Specially developed for use in electric motors and other rotating equipment. NLGI 2.

### Application

RENOLIT UNIWAY LIX 42 has been specially developed and optimized for electric motors and other rotating equipment within industrial applications. The product works especially well for both small, lightly loaded and large, heavily loaded roller bearings, depending on speed and temperature. Most electric motor manufacturers recommend this product type. The grease's optimal water resistance makes it suitable for wet applications. The product is recommended within the temperature range -30°C to +140°C. The grease copes with temperature peaks of up to 200°C with no deterioration in its properties.

### Advantages / Benefits

- Contains additives to counteract wear, oxidation and corrosion.
- RENOLIT UNIWAY LIX 42 can withstand high temperatures and loads for an extended period.
- The product has good shear stability and copes with high acceleration forces, which can occur in roller bearings exposed to impacts and knocks.
- Very good water resistance.

### Classifications

ISO 6743: L-XCDHB2

DIN 51502: KP2N-30

## RENOLIT UNIWAY LIX 42

### Handling and storage

Avoid skin contact. In the event of contact with skin, wash with soap and water. Dispose of used grease at a recycling station or equivalent. Safety data sheets are available on [www.fuchs.com/se](http://www.fuchs.com/se) or supplied on request.

### Typical data

Characteristics	Value	Unit	Method
NLGI grade	2	-	ASTM D 217
4-ball, WL	2600	N	DIN 51350:4
Base oil viscosity at 100°C	10	mm <sup>2</sup> /s	ISO 12058
Base oil viscosity at 40°C	110	mm <sup>2</sup> /s	ISO 12058
Penetration, worked 60 strokes	265-295	mm/10	ISO 2137
Penetration, worked 100.000 strokes	+25	mm/10	ISO 2137
Thickener	Lithium complex	-	-

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We therefore recommend that you consult a FUCHS LUBRICANTS SWEDEN AB application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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