

RENOLIT LZR 2 H

Multipurpose Grease for Long-Term Lubrication

Description

RENOLIT LZR 2 H is a high-quality, aging-resistant long-term grease with excellent corrosion preventing properties based on lithium soap, selected basic oils and active substances. It is thermally stable, pressure-resistant, wear-reducing, corrosion-preventing and working-resistant, has good adhesion properties on metal surfaces and can be well conveyed in central lubrication points.

Application

RENOLIT LZR 2 H is predominantly recommended for use in the lubrication of roller bearings, friction bearings, and grease lubrication points being rarely serviced or re-lubricated, exposed to unfavourable operating conditions, and which require grease ensuring good additional sealing.

Among others, RENOLIT LZR 2 H has proven its benefits in chemical plants, sugar factories and the construction industry. It is resistant against aggressive media (mild acids and alkalis). We recommend measuring this resistance according to the individual application in a practical test.

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.

Advantages

- Extremely good corrosion protection
- Thermally stable and wear-reducing
- Good adhesion and sealing properties
- Suitable for central lubrication points
- Elastomers compatible, even with Hytrel tubes

Specifications/Approvals

RENOLIT LZR 2 H has been proved and tested in central lubrication systems at

- Baier & Köppel
- Lincoln



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Characteristics

Properties	Unit	Data	Test method
Classification	-	KP 2 N-30 ISO-L-X-CDIB 2	DIN 51 502 DIN ISO 6743-9
Colour	-	Transparent Brown	-
Thickener	-	Lithium soap	-
Dropping point	°C	≥ 180	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) with 3 % NaCl	degree of corr.	0 - 0 2 - 2	DIN 51 802
Copper corrosion	degree of corr.	1 - 100	DIN 51 811
Water resistance Salt water (3%NaCl)	eval.-stage	1 - 90 1 - 90	DIN 51 807-1
Four ball method, welding load	N	2600	DIN 51 350-4
Flow pressure at +20 °C at - 30 °C	hPa	≤ 100 ≤ 1200	DIN 51 805
Oil separation at 18 h / 40 °C	%	≤ 2	DIN 51 817
Oxidation stability, pressure drop for 100h/100°C	hPa	≤ 500	DIN 51 808
Base oil viscosity at 40°C at 100°C	mm²/s	200 16,2	Din 51 562-1
Temperature range	°C	-30 to +140	DIN 51 825



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We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH 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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