

## RENOLIT FLM 2

### Description

RENOLIT FLM 2 is a smooth, highly water-resistant and work stable lithium soap grease containing additives to improve its oxidation resistance, corrosion protection and EP/anti-wear properties.

RENOLIT FLM 2 is based on a special mineral oil and contains a package of solid lubricants including molybdenum disulphide to provide good emergency running properties.

### Application

RENOLIT FLM 2 is recommended for lubrication of all types of plain and roller bearings subject to heavy or shock loads or extended re-greasing intervals.

RENOLIT FLM 2 is applied for lubrication of agricultural and construction machinery, trucks, as well as in bearings used in the stone-, mining- and rubber industry, and in concrete plants.

### Advantages

- Water resistant
- Work stable
- Aging resistant
- High loadable
- Good corrosion protection
- Good anti-wear properties
- Contains MoS<sub>2</sub>
- Reliable behaviour at heavy loads and shock loads
- Suitable for extended re-greasing intervals
- Good emergency running properties

### Specifications/Approvals

- MAN 285 LI-PF 2

### 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.

## RENOLIT FLM 2

### Characteristics

Properties	Unit	Value	Test Method
Classification	-	KPF 2 N-30 ISO-L-X-CDEB-2	DIN 51 502 ISO 6743-9
Colour	-	Black	-
Thickener	-	Lithium soap	-
Dropping point	°C	≥ 180	IP 396
Penetration worked (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 at 90°C	eval.-stage	1 - 90	DIN 51 807-1
Four-ball welding load	N	3000	DIN 51 350-4
Oxidation resistance, pressure drop after 100h/100°C	hPa	≤ 400	DIN 51 808
Base oil viscosity at 40°C at 100°C	mm <sup>2</sup> /s	100 10	DIN 51 562-1
Temperature range	°C	- 30 to +140	DIN 51 825

# Product Information

*MOVING YOUR WORLD*



## Note

The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS GERMANY GmbH in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally-valid statements about the function of our products are not possible.

Our products must not be used in aircraft or spacecraft. Our products may be used in the manufacture of components for aircraft or spacecraft if they are removed without residue from the components prior to assembly into the aircraft or spacecraft.

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