

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.

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

- Water resistant
- Work stable
- Aging resistant
- High loadable
- Good corrosion protection
- Good anti-wear properties
- Contains MoS₂
- 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



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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 ² /s	100 10	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 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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