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_2
- 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.

FUCHS LUBRICANTS (UK) PLC
New Century Street, Hanley
GB-Stoke-on-Trent, Staffordshire, ST1 5HU
Tel +44-1782 -20 37 00
Fax +44-1782 -20 20 73
contact-uk@fuchs-oil.com

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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	ºC	≥ 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 90ºC	eval.-stage	1 - 90	DIN 51 807-1
Four-ball welding load	N	3000	DIN 51 350-4
Oxidation resistance, pressure drop after 100h/100ºC	hPa	≤ 400	DIN 51 808
Base oil viscosity at 40°C at 100°C	mm²/s	100 10	DIN 51 562-1
Temperature range	°C	- 30 to +140	DIN 51 825

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