

Product INFORMATION

FUCHS (UK) PLC.
New Century Street
Hanley
GB-Stoke-on-Trent,
Staffordshire, ST1 5HU



RENOLIT FLM 2

Highly water-resistant, high load grease

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.

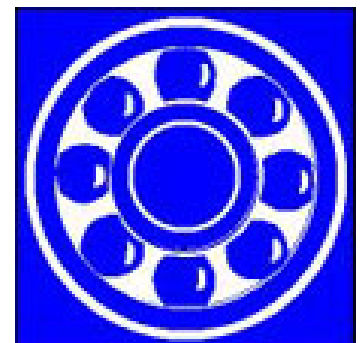
Application

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

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

Advantages / Benefits

- Water resistant
- Work stable
- Aging resistant
- High load carrying capability
- Good corrosion protection
- Good anti-wear properties
- Contains MoS₂
- Reliable behaviour under heavy and shock loads
- Suitable for extended re-greasing intervals
- Good emergency running properties



May 2007 GDUK Page 1 of 2

The above information is supplied to the best of our knowledge and belief on the basis of the current state-of-the-art and our own development work. Subject to amendment.

Product INFORMATION

FUCHS (UK) PLC.
New Century Street
Hanley
GB-Stoke-on-Trent,
Staffordshire, ST1 5HU



Typical Data: RENOLIT FLM 2

Characteristics	Unit		Test Method
Classification	-	KPF 2N-30 ISO-L-XCDBB-2	DIN 51 502 ISO 6743-9
Colour	-	Black	-
Thickener	-	Lithium soap	-
Dropping point	°C	> 180	IP 396/93
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 100h/100°C	hPa	< 400	DIN 51 808
Base oil viscosity at 40°C	mm ² /s	100	DIN 51 562-1
Temperature range	°C	- 30 to +140	-

May 2007 GDUK Page 2 of 2

The above information is supplied to the best of our knowledge and belief on the basis of the current state-of-the-art and our own development work. Subject to amendment.