

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.

Shelf Life

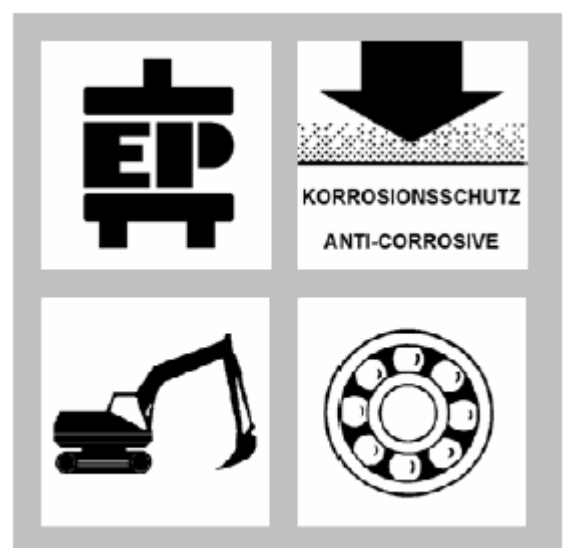
The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.

Advantages/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

Specifications/Approvals

- MAN 285 LI-PF 2



March 2011 GDUK Page 1 of 2

Health, Safety and Environment - information is provided for products in the relevant Safety Data Sheet. This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products.

While the information and figures given here are typical of current production and conform to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products



CHARACTERISTICS: RENOLIT FLM 2

Characteristics	Unit		Test Method
Classification	-	KPF 2N-30 ISO-L-XCDEB-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 100h/100°C	hPa	< 400	DIN 51 808
Base oil viscosity	at 40°C at 100°C	mm ² /s mm ² /s	100 10
Temperature range	°C	- 30 to +140	DIN 51 825

March 2011 GDUK Page 2 of 2

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