Product Information



Exclusively produced for LUKOIL MARINE LUBRICANTS

RENOLIT FLM 2

Description

RENOLIT FLM 2 is a smooth, highly waterresistant 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

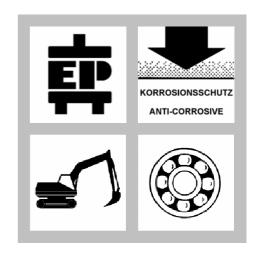
The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.

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



PI 5-4570e, Page 1/3, PM 5, 08/13



Product Information



Exclusively produced for LUKOIL MARINE LUBRICANTS

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	evalstage	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	mm²/s	100 10	DIN 51 562-1
Temperature range	°C	- 30 to +140	DIN 51 825

PI 5-4570e, Page 2/3, PM 5, 08/13



Product Information



Exclusively produced for LUKOIL MARINE LUBRICANTS

RENOLIT FLM 2

The information contained in this product information is based on the experience and know-how of FUCHS SCHMIERSTOFFE 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. The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application.

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.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without warning, unless otherwise provided in customer-specific agreements. With the publication of this product information, all previous editions cease to be valid.

Any form of reproduction requires express prior written permission from FUCHS SCHMIERSTOFFE GMBH.

© FUCHS SCHMIERSTOFFE GMBH. All rights reserved.

PI 5-4570e, Page 3/3, PM 5, 08/13

