Product Information



Exclusively produced for LUKOIL MARINE LUBRICANTS

RENOLIT CXI 2

Description

RENOLIT CXI 2 is an optimized calcium sulphonate complex grease based on selected mineral oils.

RENOLIT CXI 2 features excellent working stability, EP loadability and wear protection and shows good corrosion protection behaviour even in the presence of salt water.

RENOLIT CXI 2 has low oil separation, it is water and aging resistant and can be used in a wide temperature range.

Application

RENOLIT CXI 2 should be used for all lubrication points requiring a high performance concerning water resistance, working stability, EP and AW properties.

RENOLIT CXI 2 is easily pumpable even in long tubes, fed by centralized lubrication systems.

RENOLIT CXI 2 was developed to work under severe conditions in plain and roller bearings in steel mills, paper industry, mining, concrete industry, quarries and construction equipment.

Shelf Life

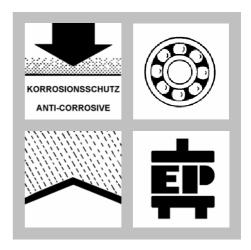
The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.

Advantages

- Extremely good EP properties
- Good corrosion protection, even in the presence of salt water
- Water resistant
- Resistant to aging
- Smooth structure
- · High working stability
- Good anti-wear properties

Specifications/Approvals

Ford ESA-M1C 172-A



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Characteristics

Properties	Unit	Data	Test method
Colour	-	Light brown	-
Thickener	-	Calcium sulphonate complex soap	-
Dropping point	°C	≥ 270	IP 396
Worked penetration (Pw 60)	0,1 mm	265 - 295	DIN ISO 2137
Worked stability ΔP w(100.000-60)	0,1mm	≤ 20	DIN ISO 2137
Shell Roller test 72h/100°C ΔPw60	0,1mm	≤ 20	ASTM D 1831
NLGI grade	-	2	DIN 51 818
Corrosion protection properties with 3% NaCl (SKF Emcor test)	degree of corr.	0 - 0	DIN 51 802
Copper corrosion	degree of corr.	1 - 100	DIN 51 811
Water resistance	evalstage	0 - 90	DIN 51807-1
Four ball method, welding load	N	5500	DIN 51 350
Timken test	Ibs	55	ASTM D 2509
Flow pressure at -20°C	hPa	≤ 1400	DIN 51 805
Oil separation at 18h / 40°C at 7d / 40°C	%	≤ 0,1 ≤ 1	DIN 51 817
Base oil viscosity at 40°C at 100°C	mm²/s	350 32,5	DIN 51 562-1
Temperature range	°C	-20 up to +160	-

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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.

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