

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.

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

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.

RENOLIT CXI 2

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 $\Delta P_{w(100.000-60)}$ | 0,1mm | ≤ 20 | DIN ISO 2137 |
| Shell Roller test 72h/100°C ΔP_{w60} | 0,1mm | ≤ 20 | ASTM D 1831 |
| NLGI grade | - | 2 | DIN 51 818 |
| Corrosion protection properties with 3% NaCl (SKF Emscor test) | degree of corr. | 0 - 0 | DIN 51 802 |
| Copper corrosion | degree of corr. | 1 - 100 | DIN 51 811 |
| Water resistance | eval.-stage | 0 - 90 | DIN 51807-1 |
| Four ball method, welding load | N | 5500 | DIN 51 350 |
| Timken test | lbs | 55 | ASTM D 2509 |
| Flow pressure at -20°C | hPa | ≤ 1400 | DIN 51 805-2 |
| 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 | mm ² /s | 350 32,5 | DIN 51 562-1 |
| Temperature range | °C | -20 up to +160 | - |

Product Information

MOVING YOUR WORLD



Note

The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS GERMANY 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.

Our products must not be used in aircraft or spacecraft. Our products may be used in the manufacture of components for aircraft or spacecraft if they are removed without residue from the components prior to assembly into the aircraft or spacecraft.

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 LUBRICANTS GERMANY 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 LUBRICANTS GERMANY GmbH.

© FUCHS LUBRICANTS GERMANY GmbH. All Rights reserved.