

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 $\Delta P_{w(100.000-60)}$	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
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	-

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