

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

- High EP loadability
- Good corrosion protection, even in the presence of salt water
- Water resistant
- Resistant to aging
- Smooth structure
- High working stability

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.



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Characteristics

Properties	Unit	Data	Test method
Colour	-	light brown	-
Thickener	-	calcium 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 at -10°C at -20°C	hPa	< 50 < 300 < 1400	DIN 51 805
Oil separation at 18h / 40°C at 7d / 40°C at 18h / 80°C at 7d / 80°C	%	< 0,1 < 1 < 0,5 < 2	DIN 51 817
Base oil viscosity at 40°C at 100°C	mm ² /s	350 32,5	DIN 51 561-1
Temperature range	°C	-20 up to +160	-