

RENOLIT CXI 2

Calcium sulphonate complex grease for heavily loaded applications

Description

RENOLIT CXI 2 is an optimised 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 centralised 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/Benefits

- 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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Health, Safety and Environment - information is provided for products in the relevant Safety Data Sheet. This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products.

While the information and figures given here are typical of current production and conform to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products

CHARACTERISTICS: RENOLIT CXI 2

Characteristics	Unit		Test Method	
Colour		Light brown		
Thickening agent		Calcium complex soap		
Drop point	°C	>270	IP 396	
Worked penetration	0.1 mm	265-295	DIN ISO 2137	
Work stability $\Delta P_w(100,000-60)$	0.1 mm	<20	DIN ISO 2137	
Shell Roller test 72h/100°C ΔP_w60	0.1 mm	<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	eval.-stage	0 - 90	DIN 51 807-1	
4 ball weld 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 hPa 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
Temperature range	°C	-20 up to +160	-	

Fluid Component

Type		Mineral Oil	
Kinematic viscosity			DIN 51 561-1
at 40°C	mm ² /s	350	
at 100°C	mm ² /s	32.5	

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