PRODUCT INFORMATION



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.

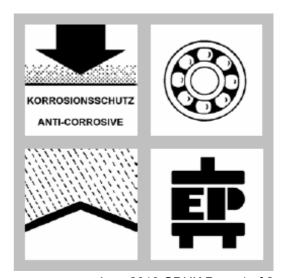
Advantages/Benefits

- 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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June 2010 GDUK Page 1 of 2

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

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CHARACTERISTICS: RENOLIT CXI 2

Characteristic	s	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 ∆P w(100,000-60)		0.1 mm	<20	DIN ISO 2137
Shell Roller test 72h/100°C ∆Pw60		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		evalstage	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

Туре		Mineral Oil	
Kinematic viscosity at 40°C at 100°C	mm²/s mm²/s	350 32.5	DIN 51 561-1

June 2010 GDUK Page 2 of 2

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