RENOLIT CXI 15

Pumpable calcium sulphonate complex grease

Description

RENOLIT CXI 15 is an optimised calcium sulphonate complex grease based on selected base oils.

RENOLIT CXI 15 shows excellent characteristics concerning working stability, EP, anti-wear properties, and corrosion protection, even in the presence of salt water.

RENOLIT CXI 15 has very little oil separation, is water resistant and may be used in a wide temperature range up to 160ºC.

Application

RENOLIT CXI 15 was developed for lubrication of highly stressed plain and roller bearings and can be applied wherever a grease has to meet high demands on corrosion protection, loadability, and shear stability.

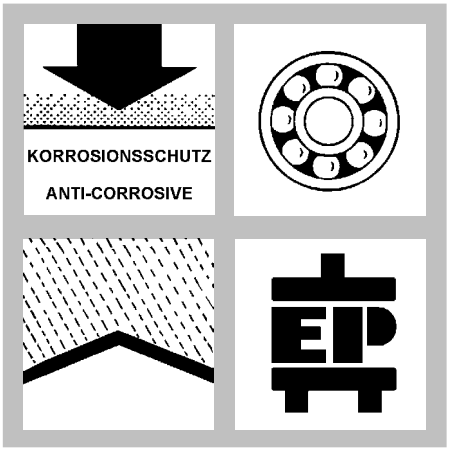
RENOLIT CXI 15 is easily pumpable even in long supply lines of centralised lubrication systems. Typical applications for RENOLIT CXI 15 are plain and roller bearings in steel mills, paper industry, mining, concrete industry, quarries and construction equipment.

Advantages/Benefits

- Heavy duty grease
- Good corrosion protection, even in the presence of salt water
- Water resistant
- Ageing resistant
- Easily pumpable in central lubricating systems
- High shear stability
- Good anti-wear properties

Shelf Life

The minimum shelf life is 36 months if the product is properly stored between 0ºC and 40ºC in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.



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CHARACTERISTICS: RENOLIT CXI 15

Characteristics	Unit	Data	Test Method
Colour	-	Light brown	-
Thickener	-	Calcium sulphonate complex soap	-
Dropping point	ºC	> 250	IP 396
Worked penetration	0.1 mm	290 - 310	DIN ISO 2137
Worked stability $\Delta P_{w(100,000-60)}$	0.1mm	< 20	DIN ISO 2137
Shell Roller test 72h/100ºC $\Delta P_w 60$	0.1mm	< 20	ASTM D 1831
NLGI grade	-	2/1	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 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	% %	< 0.5 < 2	DIN 51 817
Temperature range	°C	-20 up to +160	-

Fluid Component

Base oil viscosity	at 40ºC at 100ºC	mm²/s mm²/s	350 32.5	DIN 51 562-1

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