

## RENOLIT CX-TOM 15

### Description

RENOLIT CX-TOM 15 is a calcium sulphonate complex soap grease based on a semi-synthetic base oil featuring good low temperature properties.

RENOLIT CX-TOM 15 shows high thermal and mechanical stability, very good corrosion protection, and has been optimized for use in central lubrication systems.

As a result of its good low temperature torque RENOLIT CX-TOM 15 minimises operating costs and allows trouble free starting even at low temperatures. In appropriate central lubrication systems RENOLIT CX-TOM 15 also ensures that all lubrication points are reliably supplied with lubricant, even at low temperatures.

The excellent wear behaviour of RENOLIT CX-TOM 15 ensures optimal plant availability, and consequently low maintenance and investment costs.

### Application

RENOLIT CX-TOM 15 is used to lubricate high loaded plain and roller bearings used in the mining industry, and in gear motors. RENOLIT CX-TOM 15 is particularly suitable for use in central lubricating systems for belt conveyor plants and bucket wheel excavators. Due to the high temperature range RENOLIT CX-TOM 15 is suitable as all-season lubricant.

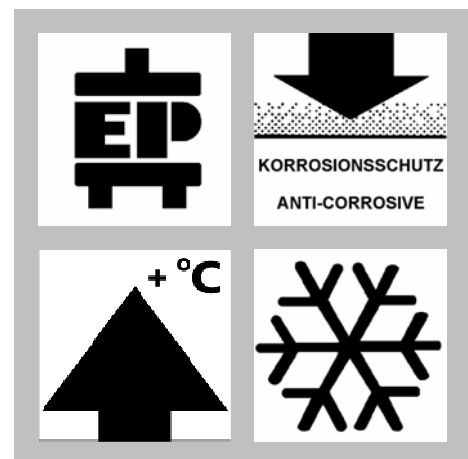
RENOLIT CX-TOM 15 is the universal lubricant for all friction points making high demands on lubricating greases, particularly with regard to corrosion protection, loadability and work resistance.

### Advantages

- High thermal and mechanical stability
- Good wear protection
- Good corrosion protection
- Suitable for low temperatures
- Excellent EP properties
- Suitable for central lubricating systems
- Water resistant
- Aging resistant

### 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.



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### Characteristics

Properties	Unit	Data	Test method
Colour	-	Light brown	-
Thickener	-	Calcium sulphonate complex soap	-
Dropping point	°C	≥ 250	IP 396
Worked penetration (Pw 60)	0.1 mm	290 - 320	DIN ISO 2137
Work resistance $\Delta P_w$ (100.000-60)	0.1 mm	≤ 40	DIN ISO 2137
NLGI- grade	-	2/1	DIN 51 818
Corrosion protection properties Emcor standard Emcor with 3% NaCl	degree of corr.	0 - 0 0 - 1	DIN 51 802
Copper corrosion	degree of corr.	1 - 100	DIN 51 811
Shell roller test 72 h/100°C $\Delta$ Pw 60	0.1 mm	≤ 30	ASTM D 1831
Water resistance	eval.-stage	1 - 90	DIN 51 807-1
Four ball method, welding load	N	≥ 4000	DIN 51 350-4
Four ball method, wear value E	mm	≤ 0,8	DIN 51 350-5
Oil separation at 40°C / 18 h at 40°C / 7 d	%	≤ 1 ≤ 3	DIN 51 817
Base oil viscosity at 40°C at 100°C	mm <sup>2</sup> /s	100 12,3	DIN 51 562-1
Low temperature torque -40°C start -40°C running	mNm	≤ 1000 ≤ 500	IP 186
Temperature range	C°	-40 up to +160	-



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We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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