

CERAN XM 320



Grease



Extreme-pressure water resistant high temperature **“NEW GENERATION”** calcium sulfonate complex grease.

APPLICATIONS

Multi purpose heavy duty
water resistant grease.

Applications in paper
industry

Recommendation

- **CERAN XM 320** is a medium viscosity and extreme pressure grease, designed for the lubrication of industrial bearings working under high temperatures and high loads in the wet section of paper machines.
- **CERAN XM 320** is also suitable as EP multi purpose grease, in various other industrial applications where water is in frequent contact with the grease.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic dispensing system or cartridges.

SPECIFICATIONS

- ISO 6743-9: L-XBFB 1/2
- DIN 51 502: KP1/2R -25

AVANTAGES

True multi purpose
High loads
Water resistant
High temperatures
Anti corrosion
No harmful substances

- Thanks to its very sophisticated formula and performance headroom, **CERAN XM 320** meets the most stringent industrial requirements set by paper machine manufacturers.
- Excellent thermal stability. It regains its original texture after cooling to ambient temperature.
- Remarkable load resistance thanks to its inherent high extreme pressure and anti-wear properties.
- Outstanding water resistance, no significant loss of consistency is observed even with high amounts of water ingress in the grease.
- Improved oxidation resistance allowing extended re-greasing intervals.
- **CERAN XM 320** provides high protection of metal surfaces against corrosion thanks to the very nature of the calcium sulfonates, also in the presence of sea water.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN XM 320
Soap/thickener		-	Calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	1-2
Color	Visual	-	Brown
Appearance	Visual	-	Smooth/tacky
Operating temperature range		°C	- 25 to 180
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	280-310
Four ball weld load	ASTM D 2596	kgf	> 400
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0-0
Dropping point	IP 396/NF T 60 102 C	°C	> 300
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/ IP71	mm ² /s (cSt)	320

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
INDUSTRIE
02-11-2017
CERAN XM 320
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser www.quick-fds.com.