



CERAN XM 320

DESCRIPTION

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

APPLICATIONS

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 multipurpose grease, in various other industrial applications where water is in frequent contact with the grease.

SPECIFICATIONS

ISO 6743-9: L-XBFIB 1/2

DIN 51 502: KP1/2R -25

ADVANTAGES

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.

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. can be obtained from your local commercial adviser or down loaded at ms-sds.totalenergies.com

RECOMMENDATIONS

Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic dispensing system or cartridges.

TYPICAL CHARACTERISTICS

PROPERTIES	METHODS	UNITS	CERAN XM 320
Soap / Thickener		-	Calcium Sulfonate Complex
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/DIN 51 818	0.1 mm	280-310
Four ball weld load	ASTM D 2596	kgf	> 400
Anti-rust performance SKF-EMCOR	ISO 11007	Rating	0-0
Dropping point	IP 396	°C	> 300
Kinematic viscosity of the base oil at 40°C	ASTM D 445	mm ² /s (cSt)	320

Above characteristics are mean values given as an information.

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