

CERAN PM



Grease



Extreme-pressure water resistant high temperature calcium sulfonate complex grease.

APPLICATIONS

Multi purpose heavy duty water resistant grease.
Applications in paper industry Recommendation

- **CERAN PM** is a multi purpose extreme pressure grease, pre-eminently designed for the lubrication of industrial bearings working under high temperatures and high loads in the wet and dry section of paper machines.
- **CERAN PM** 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 pump system or cartridges.

SPECIFICATIONS

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

ADVANTAGES

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

- Thanks to its very sophisticated formula and performance reserves, **CERAN PM** 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 naturally high extreme pressure and anti-wear properties.
- Extraordinary water resistance, no significant loss of consistency is observed even with high amounts of water entering the grease.
- Excellent anti-oxidation and anti-corrosion properties thanks to the very nature of the calcium sulfonates, also in the presence of sea water.
- **CERAN PM** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN PM
Soap/thickener		-	Calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	1-2
Color	Visual	-	Brown
Appearance	Visual	-	Smooth
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	500
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0 - 0
Dropping point	IP 396/NFT 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)	325

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
31-10-2007 (supersedes 21-12-2004)
CERAN PM
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.