

CERAN GEP



Grease



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

APPLICATIONS

Semi fluid heavy duty water resistant grease. Applications in cement and sugar plants and in heavy industry. Recommendation

- **CERAN GEP** is pre-eminently designed for use on open gears of rotary drum drives, single and double pinion kiln and mill drives, working under severe circumstances.
- **CERAN GEP** is particularly adapted for the lubrication of sugar mills (plain bearings, pinions/open gears)
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump/spray system.

SPECIFICATIONS

- ISO 6743-9: L-XBFHB 0
- DIN 51 502: OGPFOR -20

ADVANTAGES

**Semi Fluid
High loads
Water resistant
High temperatures
Anti corrosion**

**Sprayable
No harmful substances**

- Excellent thermal and mechanical 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.
- Sprayable, very good adhesion to metals.
- 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 GEP** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN GEP
Soap/thickener		-	Calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	0
Color	Visual	-	Black
Appearance	Visual	-	Smooth/tacky
Operating temperature range		°C	- 20 to 180
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	355 - 400
Four ball weld load	ASTM D 2596	daN	> = 800
FZG A2.8/50 scuffing load step	DIN 51 354	rating	> 12
Weight loss	DIN 51 354	mg/KWh	< 0,3
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	> 250
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/ IP71	mm ² /s (cSt)	695

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
 20-07-2007 (supersedes 20-03-2006)
 CERAN GEP
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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.