

CERAN FG



Food industry

Extreme-pressure water resistant high temperature calcium sulfonate complex grease for food and food related industry.

APPLICATIONS

Food and feed industry

Lubrication under severe conditions

Pelleting presses

Recommendation

- **CERAN FG** is a heavy duty multi purpose premium grease, based on an overbased calcium complex technology and medicinal white oil.
- **CERAN FG** is an EP multi purpose grease, recommended for various applications in the food and food related industry operating under severe conditions (high load, high temperature, water, dust).
- **CERAN FG** is very suitable to lubricate pelleting presses used in feed industry (pet food, sugar beet): KAHL, PROMILL, CPM, UMT, VAN AARSEN...).
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

SPECIFICATIONS

**NSF-H1 registered
USA regulation for
incidental food contact**



- **CERAN FG** is registered by NSF-H 1 as a lubricant for in incidental food contact; this grease may be used in the food and food related industry, when incidental contact between the lubricant and the foodstuffs can occur.
- Conform to FDA 21 CFR 178-3570.
- **ISO 6743-9: L-XBFIB 2 DIN 51 502: KP2R -25**

ADVANTAGES

**True multi purpose grease
High load carrying properties
Long service life
Reduction of consumption
Water resistance
Superior anti-corrosion properties**

- Thanks to its very sophisticated formula and performance reserves, **CERAN FG** meets the most stringent industrial requirements.
- **CERAN FG** assures long machine life while reducing contamination problems as required by the Hazard Analysis and Critical Control Point System (HACCP).
- 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. Resistant to food acids and alkalis.
- Excellent anti-oxidation and anti-corrosion properties thanks to the very nature of the calcium sulfonates, also in the presence of salt water.



TOTAL

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN FG
NSF-H1 registration number			131003
Soap/thickener			Complex calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	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	265-295
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/DIN ISO 2176	°C	>300
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/ IP71	cSt	100

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
14-05-2009 (supersedes 31-10-2007)
CERAN FG
2/2



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 from www.quick-fds.com.