



CERAN FG

DESCRIPTION

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

No MOAH* (mineral Oil Aromatic Hydrocarbons) in our grease

* Test realized in external laboratory

SPECIFICATIONS

CERAN FG is registered by **NSF-H1 131003** 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-XBFB 2 DIN 51 502: KP2R -25

APPLICATIONS

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...).

ADVANTAGES

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.

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 pump system or cartridges.

TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN FG
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	ISO 11007	rating	0-0
Dropping point	IP 396	°C	>300
Kinematic viscosity of the base oil at 40°C	ASTM D 445	cSt	100

Above characteristics are mean values given as an information.

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