



# CERAN CA

## DESCRIPTION

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

## SPECIFICATIONS

ISO 6743-9: L-XBDIB 0

DIN 51 502: OGP0N -25

## APPLICATIONS

**CERAN CA** is a heavy duty grease designed for use on slide rails, metal cables, wire ropes, winches, open gears and chains working under severe circumstances.

**CERAN CA** is used in cement works, mines and quarries, ports (e.g. travelling cranes) off shore, marine, and other "heavy" industry applications.

## ADVANTAGES

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.

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 CA** does not contain lead, or other heavy metals considered harmful to human health and the environment.

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](http://ms-sds.totalenergies.com)

## RECOMMENDATIONS

Always avoid contamination of the grease by dust and/or dirt when applying.

## TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN CA
Soap/thickener		-	Calcium sulfonate complex
NLGI grade	ASTM D 217/DIN 51 818	-	0
Color	Visual	-	Brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 25 to 150
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	355-385
Four ball weld load	DIN 51 350-4	daN	380-400
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 <sup>2</sup> /s (cSt)	325

Above characteristics are mean values given as an information.

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