



### **Description**

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

### **Applications**

- + CERAN AD PLUS is pre-eminently designed for use on slide rails, metal cables, wire ropes, winches, open gears and chains working in severe circumstances.
- + CERAN AD PLUS is used in marine applications, cement works, mines and quarries, ports (e.g. travelling cranes) off shore and other "heavy" industry applications.
- + CERAN AD PLUS is adapted for the static protection of spare parts.
- + CERAN AD PLUS can be applied by hand with a brush or other adapted tool. For an optimal lubrication and performance, keep the application tools as clean as possible.

## Greases

### **Specifications**

ISO 6743-9: L-XBDIB 0  
DIN 51 502: OGP0N -20

### **Features and Benefits**

- + Excellent thermal and mechanical stability. Adapted for a wide range of temperatures.
- + Remarkable load resistance thanks to its naturally high extreme pressure and anti-wear properties.
- + Excellent adhesion on wire ropes, open gears and metallic surfaces in general.
- + 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 AD PLUS does not contain lead, or other heavy metals considered harmful to human health and the environment.

## Typical Characteristics

	Methods	Units	
Soap/thickener		-	Calcium sulfonate complex
NLGI Grade	ASTM D217/DIN 51818	-	0/1
Color	Visual	-	Caramel
Appearance	Visual	-	Smooth/Buttery
Operating temperature range		°C	-25 to 150
Penetration at 25°C	ASTM D217/DIN 51818	0.1mm	330 – 360
Four ball weld load	DIN 51350-4	Kgf	> 315
Anti-rust performance SKF-MECOR	DIN 51802/IP220/NFT60-135/ISO 11007	Rating	0 – 0
Dropping Point	IP396/DIN ISO 2176	°C	> 250
Kinematic viscosity of the base oil at 40°C	ASTM D445/DIN 51562-1 /ISO 3104/IP71	mm <sup>2</sup> /s (cSt)	1700

Characteristics of this chart are indicative typical values.

### Handling, Health & Safety

In normal conditions of use, this grease presents no particular toxic hazard. All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin. Prevent any risk of splashing, and keep away from combustible materials. Store under cover and away from any risk of contamination.

A safety data sheet complying with current legislation is available at: [www.quickfds.com](http://www.quickfds.com) and [www.totallubmarine.com](http://www.totallubmarine.com)