

CERAN AD PLUS



Grease

Extreme-pressure water resistant calcium sulfonate complex grease.

APPLICATIONS

heavy duty water resistant grease.

Applications in marine, industry, off shore.

Recommendation

- **CERAN AD PLUS** is a adhesive heavy duty grease designed for use on slide rails, metal cables, wire ropes, winches, small open gears and chains working under 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 performances, keep the applying tools as clean as possible.

SPECIFICATIONS

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

ADVANTAGES

**Semi Fluid,
high loads,
water resistant,
high temperatures,
anti corrosion,**

no harmful substances

- 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 ropes, open gears, metallic pieces 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	CERAN AD PLUS
Soap/thickener		-	Calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	0/1
Color	Visual	-	Dark brown
Appearance	Visual	-	Smooth/Buttery
Operating temperature range		°C	- 20 to 150
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	320 - 360
Four ball weld load	DIN 51 350-4	kgf	> 315
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0-0
Dropping point	IP 396/NFT 60-120 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)	> 1700

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
01-02-2006 (supersedes 17-11-2005)
CERAN AD PLUS
1/1



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.