

CERAN AD



Grease



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

APPLICATIONS

Semi fluid heavy duty water resistant grease.

Applications in marine, industry, off shore.

Recommendation

- **CERAN AD** 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 AD** is used in cement works, mines and quarries, ports (e.g. travelling cranes) off shore, marine, and other "heavy" industry applications.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system.

SPECIFICATIONS

- ISO 6743-9: L-XBDIB 0
- DIN 51 502: OGP0N -25

ADVANTAGES

Semi Fluid, high loads, water resistant, high temperatures, anti corrosion, no harmful substances

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

| TYPICAL CHARACTERISTICS | METHODS | UNITS | CERAN AD |
|---|--|--------------------------|-------------------|
| Soap/thickener | | - | Calcium sulfonate |
| NLGI grade | ASTM D 217/DIN 51 818 | - | 0 |
| Color | Visual | - | Caramel |
| Appearance | Visual | - | Smooth/Buttery |
| 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 | DIN 51 802/IP220/NFT 60-135/ISO 11007 | rating | 0-0 |
| Dropping point | IP 396/NFT 60-120 C | °C | >300 |
| Kinematic viscosity of the base oil at 40°C | ASTM D 445/DIN 51 562-1/ISO 3104/ IP71 | mm ² /s (cSt) | 325 |

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités

12 september 2002 (supersedes 2 may 2002)

CERAN AD

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.

