

CERAN ST 2



Grease



Extreme pressure adhesive and water resistant calcium sulfonate complex grease.

APPLICATIONS

Multi purpose heavy duty water resistant grease. Industrial applications

Recommendation

- **CERAN ST 2** is a highly, adhesive, extreme pressure and water resistant grease, designed for the lubrication of all kinds of industrial (coilers, rolling mills,...), marine (wire ropes, open gears, hinges, turnbuckles) and offshore applications, operating under the most severe conditions. (water,heat, dust and other pollution).
- **CERAN ST 2** is also suitable as an EP multi purpose grease, in "off road" applications where water is in frequent contact with the grease.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

SPECIFICATIONS

- ISO 6743-9: L-XBFIB 2
- DIN 51 502: KP2R -25

ADVANTAGES

**True multi purpose
High loads
Water spray resistant
High temperatures**

Anti corrosion

No harmful substances

- Strong adhesion to surfaces increasing the regreasing intervals and reducing the time spent on preventive maintenance
- 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, even under sea water wash off, no significant loss of consistency is observed even with high amounts of water in contact with the grease.
- Excellent anti-oxidation and anti-corrosion properties thanks to the nature of the calcium sulfonates and its specific additivition, also in the presence of sea water.
- **CERAN ST 2** does not contain lead, or other heavy metals considered harmful to human health and the environment.

| TYPICAL CHARACTERISTICS | METHODS | UNITS | CERAN ST 2 |
|---|--|--------------------------|---------------------------|
| Soap/thickener | | - | Calcium Sulfonate complex |
| NLGI grade | ASTM D 217/DIN 51 818 | - | 2 |
| Color | Visual | - | Brown |
| Appearance | Visual | - | Smooth, tacky |
| Operating temperature range | | °C | - 25 to 180 |
| Worked Penetration at 25°C | ASTM D 217/DIN51 818 | 0.1 mm | 265-295 |
| Four ball weld load | ASTM D 2596 | kgf | 500 |
| Anti-rust performance SKF- EMCOR salt water | DIN 51 802/IP220/NFT 60-135/ISO 11007 | rating | Max 1 |
| Dropping point | IP 396/NFT 60 102 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) | 180 |

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
 31-10-2007 (supersedes 18-10-2006)
 CERAN ST 2
 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.