

# CERAN XS 80



Grease



**Very low temperature synthetic calcium sulfonate complex grease - Extreme-pressure.**

## APPLICATIONS

**Multi purpose heavy duty**  
**Low temperatures**  
**Water resistant grease**  
**Applications in industry**

- **CERAN XS 80** is a **synthetic** heavy duty **extreme pressure** grease, specially designed for applications working **under very low temperatures** conditions.
- **CERAN XS 80** is pre-eminently suitable for lubrication of industrial, and 'heavy duty' off-road applications working in very low temperature environments.
- **CERAN XS 80** is also used as a protection 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-XEDIB 1/2
- DIN 51 502: KP1/2N -55

## ADVANTAGES

**True multi purpose**  
**High loads Water**  
**resistant Low**  
**temperatures High**  
**temperatures Anti**  
**corrosion**

**No harmful substances**

- Thanks to its very sophisticated formula and the use of synthetic base oil, **CERAN XS 80** performs well at very low as well as high temperatures.
- 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, 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 XS 80** does not contain lead, or other heavy metals considered harmful to human health and the environment.

| TYPICAL CHARACTERISTICS                     | METHODS                                | UNITS       | CERAN XS 80       |
|---|--|-------------|-------------------|
| Soap/thickener                              |  | -           | Calcium sulfonate |
| NLGI grade                                  | ASTM D 217/DIN 51 818                  | -           | 1 - 2             |
| Color                                       | Visual                                 | -           | Brown             |
| Appearance                                  | Visual                                 | -           | Smooth            |
| Operating temperature range                 |  | °C          | - 55 to 150       |
| Penetration at 25°C                         | ASTM D 217/DIN51 818                   | 0.1 mm      | 280 - 310         |
| Four ball weld load                         | ASTM D 2596                            | kgf         | 620               |
| Anti-rust performance SKF- EMCOR            | DIN 51 802/IP220/NFT 60-135/ISO 11007  | Rating      | 0 - 0             |
| Flow pressure 1400 mbar                     | DIN 51805                              | °C (mbar)   | < -55 ( 1385)     |
| Torque at -40°C at start                    | ASTM D 1478                            | mN.m        | 273               |
| After 1h running                            |  | mN.m        | 36                |
| Dropping point                              | IP 396/NFT 60 102C                     | °C          | > 300             |
| Kinematic viscosity of the base oil at 40°C | ASTM D 445/DIN 51 562-1/ISO 3104/ IP71 | mm²/s (cSt) | 80                |

Above characteristics are mean values given as an information.

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at [www.totalspecialties.com](http://www.totalspecialties.com). Copyright 2016 All rights reserved.

