



CERAN GEP

DESCRIPTION

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

SPECIFICATIONS

ISO 6743-9: L-XBFHB 0
DIN 51 502: OGPFO0R -20

APPLICATIONS

CERAN GEP is pre-eminently designed for use on open gears of rotary drum drives, single and double pinion kiln and mill drives, working under severe circumstances.

CERAN GEP is particularly adapted for the lubrication of sugar mills (plain bearings, pinions/open gears)

ADVANTAGES

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.

Sprayable, 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 GEP does not contain lead, or other heavy metals considered harmful to human health and the environment.

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. can be obtained from your local commercial adviser or down loaded at ms-sds.totalenergies.com

RECOMMENDATIONS

Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump/spray system.

TYPICAL CHARACTERISTICS

| TYPICAL CHARACTERISTICS | METHODS | UNITS | CERAN GEP |
|--|-----------------------|--------------------------|---------------------------|
| Soap/thickener | | - | Calcium sulfonate Complex |
| NLGI grade | ASTM D 217/DIN 51 818 | - | 0 |
| Color | Visual | - | Black |
| Appearance | Visual | - | Smooth/tacky |
| Operating temperature range | | °C | - 20 to 180 |
| Penetration at 25°C | ASTM D 217/DIN51 818 | 0.1 mm | 355 - 400 |
| Four ball weld load | ASTM D 2596 | daN | > = 800 |
| Anti-rust performance SKF- EMCOR | ISO 11007 | rating | 0 - 0 |
| Dropping point | IP 396 | °C | > 250 |
| Kinematic viscosity of the base oil at 40°C | ASTM D 445 | mm ² /s (cSt) | 700 |

Above characteristics are mean values given as an information.

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