

Unimec MARK CA

SPECIAL GREASE

Manufactured by Total for Unimec S.p.A.

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



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APPLICATIONS

Semi-fluid heavy duty water resistant grease

MARK CA is a semi-fluid EP grease developed for the lubrication of internal gears of mechanical jacks and threaded spindles, also operating in hard environments.

MARK CA can be used in all applications, including those of heavy industry, which do not require special requirements (food compatibility, nuclear, biodegradability, etc.).

Recommendation

At the time of application, it is recommended not to pollute the grease by dust or other contaminants. To lubricate, it is best to use a pneumatic pump system or cartridge (supplied by Unimec).

SPECIFICATIONS

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

ADVANTAGES

Semi fluid, high loads

Very good adhesion to metals.

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 antiwear properties.

Water resistant, high temperatures

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.

Anti corrosion, no harmful substances

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

| TYPICAL CHARACTERISTICS | METHODS | UNITS | MARK CA |
|--|---------------------------------------|--------------------|-------------------|
| Soap/thickener | | - | Calcium sulfonate |
| NLGI grade | ASTM D 217 / DIN 51 818 | - | 0 |
| Color | Visual | - | Brown |
| Appearance | Visual | - | Smooth |
| Operating temperature range | - | °F | -10 to 300 |
| Penetration at 75°F | ASTM D 217 / DIN 51 818 | 0.004 in | 355-385 |
| Four ball weld load | DIN 51 350-4 | lbf | 85-90 |
| 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 | °F | > 570 |
| Kinematic viscosity of the base oil at 100°F | ASTM D 445/DIN 51562-1/ISO3104/IP71 | in ² /s | 0,503 |

Above characteristics are mean values given as an information.

UNIMEC MARK CA
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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 on www.unimec.eu.