

CERAN XS 320



Grease



Low temperature synthetic calcium sulfonate complex grease - Extreme-pressure.

APPLICATIONS

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

- **CERAN XS 320** is a **synthetic heavy duty extreme pressure** grease, specially designed for applications working **under low temperatures** conditions and **heavy loads**.
- **CERAN XS 320** is pre-eminently suitable for lubrication of industrial, and 'heavy duty' off-road applications working in low temperature environments.
- **CERAN XS 320** 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-XEFIB 1/2
- DIN 51 502: KP1/2R -30

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 320** 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 320** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN XS 320
Soap/thickener		-	Calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	1 - 2
Color	Visual	-	Brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 30 to 160
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	280 - 310
Four ball weld load	ASTM D 2596	kgf	400
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)	-33
Torque at -30°C at start	ASTM D 1478	mN.m	624
After 1h running		mN.m	72
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	mm ² /s (cSt)	320

Above characteristics are mean values given as an information.

TOTAL Specialties USA, Inc.

Linden, NJ 07036
5 North Stiles Street
1-800-323-3198
www.totalspecialties.com

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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. Copyright 2016 All rights reserved.

