

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-XEFFB1/2
- DIN 51 502: KP1/2R-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	-	Light brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 55 to 180
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)	< -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.

TOTAL LUBRIFIANTS
INDUSTRIE

12-06-2018 (supersedes 02-02-2018)

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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 via your commercial adviser www.quick-fds.com.