

CERAN XS 40 Moly



Grease



Sub-arctic synthetic calcium sulfonate complex grease for mining applications.

APPLICATIONS

Arctic environments
Extreme Pressure
All load and speed applications
Mining applications

- CERAN XS 40 Moly is a **synthetic**, heavy duty, **extreme pressure** grease containing **5% of MoS₂**.
- CERAN XS 40 Moly is specially designed for **mining applications** in **arctic and sub-arctic** extreme weather environments.
- CERAN XS 40 Moly is recommended for the lubrication of **all load and speed applications** in extremely cold conditions. It will still withstand summer or otherwise hot temperatures.
- 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-60

ADVANTAGES

High loads
Very low temperatures
High temperatures
Anti corrosion
Water resistant

No harmful substances

- Thanks to its special formula and the use of synthetic base oil, **CERAN XS 40 Moly** has an excellent pumpability at very low as well as ambient 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 and the presence of MoS₂
- 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 40 Moly** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN XS 40 Moly
Soap/thickener		-	Calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	1 - 2
Color	Visual	-	Grey
Appearance	Visual	-	Smooth
MoS ₂ content		%	5
Operating temperature range		°C	- 60 to 180
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	280 - 310
Four ball weld load	ASTM D 2596	kgf	800
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	Rating	0 - 0
Flow pressure 1400 mbar	DIN 51805	°C	<-55
Torque at -50°C at start	ASTM D 1478	mN.m	271
after 1h running		mN.m	50
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)	40

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
INDUSTRIE

18-02-2014 (supersedes 19-07-2013)

CERAN XS 40 Moly

1/1



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.