



Grease



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

APPLICATIONS

Multi purpose heavy duty water resistant grease.

Applications in steel industry

Recommendation

- **CERAN HV** is a heavy duty extreme pressure grease, pre-eminently designed for the lubrication of industrial bearings working under high temperatures and high loads in the steel industry.
- **CERAN HV** is also suitable as EP multi purpose grease, in various other industrial applications where water is in frequent contact with the grease.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system.

SPECIFICATIONS

- ISO 6743-9: L-XBFHB 1/2
- DIN 51 502: KP1/2R -25

ADVANTAGES

**True multi purpose
High loads
Water resistant
High temperatures
Anti corrosion**

No harmful substances

- Thanks to its very sophisticated formula and performance reserves, **CERAN HV** meets the most stringent industrial requirements set by industrial bearing manufacturers.
- 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.
- 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 HV** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN HV
Soap/thickener		-	Calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	1-2
Color	Visual	-	Caramel
Appearance	Visual	-	Smooth/Buttery
Operating temperature range		°C	- 25 to 180
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	280 - 310
Four ball weld load	ASTM D 2596	kgf	500
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0-0
Dropping point	IP 396/NF T 60 102 C	°C	>300
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/ IP71	mm²/s (cSt)	420

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS

Industrie & Spécialités

13-02-2004 (supersedes 15-09-2003)

CERAN HV

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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.

