

# CERAN HVA



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 HVA** is a heavy duty extreme pressure grease, pre-eminently designed for the lubrication of **closed** industrial bearings working under high temperatures and high loads in the steel industry.
- **CERAN HVA** 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 2
- DIN 51 502: KP2R -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 HVA** meets the most stringent 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 HVA** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN HVA
Soap/thickener		-	Calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	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	265-295
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	mm <sup>2</sup> /s (cSt)	420

Above characteristics are mean values given as an information.

### TOTAL LUBRIFIANTS

#### Industrie & Spécialités

13-02-2004 (supersedes 16-09-2002)

CERAN HVA

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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](http://www.quick-fds.com).

