CERAN HV

DESCRIPTION

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

APPLICATIONS

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.

SPECIFICATIONS

ISO 6743-9: L-XBFHB 1/2

DIN 51 502: KP1/2R -25

Performances meet all Voith VN108 requirements for wet end and dryer part.

ADVANTAGES

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.

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. can be obtained from your local commercial adviser or down loaded at ms-sds.totalenergies.com

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RECOMMENDATIONS

Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system.

TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	CERAN HV
Soap/thickener		-	Calcium sulfonate Complex
NLGI grade	ASTM D 217/DIN 51 818	-	1-2
Color	Visual	-	Brown
Appearance	Visual	-	Smooth/tacky
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	>400
Anti-rust performance SKF- EMCOR	ISO 11007	rating	0-0
Dropping point	IP 396	°C	>300
Kinematic viscosity of the base oil at 40°C	ASTM D 445	mm²/s (cSt)	420

Above characteristics are mean values given as an information.

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