

DESCRIPTION

Extreme pressure water resistant high temperature calcium sulfonate complex grease.

APPLICATIONS

- **CERAN WR 1** is a multi purpose extreme pressure grease, formulated for the lubrication of all kinds of industrial, marine and off shore applications, operating under the most severe conditions. (water,heat, dust and other pollution).
- **CERAN WR 1** is also suitable as EP multi purpose grease, in “off road” 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 or cartridges.

PROPERTIES

- Thanks to its very sophisticated formula and performance reserves, **CERAN WR 1** meets the most stringent industrial requirements. Its range of applications is extensive, as a result it can replace and outclass numerous conventional greases.
- 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 WR 1** does not contain lead, or other heavy metals considered harmful to human health and the environment.

SPECIFICATIONS

ISO 6743-9: L-XBFB 2
DIN 51 502: KP2R -25

CHARACTERISTICS

CHARACTERISTICS	METHODS	UNITS	CERAN WR 1
Soap/thickener		-	Calcium sulfonate complex
NLGI Grade	ASTM D217/DIN 51818	-	1
Color, visual		-	Pale brown
Appearance, visual		-	Smooth
Operating temperature range		°C	- 25 to 180
Penetration at 25°C	ASTM D217/DIN51818	0.1 mm	310 - 340
Four ball weld load	DIN 51350-4	daN	500
Anti-rust performance SKF-MECOR	DIN51802/IP220/NFT60-135/ISO11007	Rating	0 – 0
Dropping point	IP396/DIN ISO 2176	°C	> 300
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN51562-1/ISO3104/IP71	mm ² /s (cSt)	180

Characteristics of this chart are indicative typical values

HANDLING, HEALTH AND SAFETY

In normal conditions of use, this grease presents no particular toxic hazard.

All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin.

Prevent any risk of splashing, and keep away from combustible materials.

Store under cover and away from any risk of contamination.

A safety data sheet complying with current legislation is available on www.quickfds.com or www.lubmarine.com.

The values shown above are typical values at the date of publication. TOTAL Lubmarine reserves the right to change these typical values without prior notice.



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