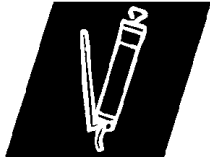


CERAN MM 2



GREASE



TOTAL

Multi-Purpose, Extreme Pressure, Water Resistant, All Temperature, Calcium Sulfonate Complex Grease.

APPLICATIONS

Multi-purpose, heavy duty, extreme pressure, water resistant grease.

SPECIFICATIONS

ADVANTAGES

**Multi-purpose.
High loads.
High and low temperatures.
Water resistant.**

- **CERAN MM 2** is a true multi-purpose grease, formulated for the lubrication of loaded slide, ball, and roller bearings, wheel bearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, marine, and off-shore applications operating in very severe wet, dusty, and/or dry conditions.
- **CERAN MM 2** is suitable for use as an extreme pressure, multi-purpose industrial grease in off-road applications where water is in frequent contact with the grease (pin bushings, crown, and Caterpillar wheels on excavators).
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

- ISO 6743-9: L-XCFIB 2
- DIN 51502: KP2R-30

- Performs very well at high and low temperatures.
- Extraordinary water resistance. No significant loss of consistency even with high amounts of water entering the grease.
- Provides a durable lubricant film.
- Excellent mechanical and thermal stability.
- High resistance to temperature variations.
- Excellent anti-rust and anti-corrosion properties.
- Does not contain lead or any other heavy metals harmful to humans or the environment.

TYPICAL CHARACTERISTICS	METHODS	CERAN MM 2
Appearance	Visual	Smooth Pale Brown
Operating Range, °F		-20 - 350
Thickener Type		Calcium Sulfonate Complex
NLGI Grade		2
Penetration Worked, 60xx	ASTM D 217	265 - 295
Dropping Point, °F	ASTM D 2265	> 570
Four Ball Weld Load, kgf	ASTM D 2596	500
SKF-EMCOR anti-rust performance	DIN 51802	0-0
Base Oil Properties:		
Viscosity @ 40°C, cSt	ASTM D 445	110

TOTAL Specialties USA, Inc.

Linden, NJ 07036
5 North Stiles Street
1-800-323-3198
www.totalspecialties.com

CERAN 7-2016

This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.