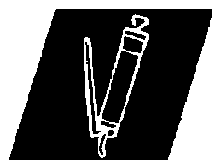


# CALORIS MS



GREASE



**TOTAL**

Soft, Non-Melt, High Temperature Grease.

## APPLICATIONS

Very high temperature industrial uses.

- **CALORIS MS** is a soft, non-melt, clay thickened grease compounded with extreme pressure (EP) and anti-wear additives. These additives coupled with the high viscosity base oils, produce a high load carrying ability and reduce friction and wear. It contains molybdenum disulfide (moly) which is unaffected by temperatures up to 900°F.
- **CALORIS MS** is recommended for medium to slow speed bearings operating at normal temperatures and for medium to high speed bearings operating at elevated temperatures. *CAUTION:* Although this grease has no true dropping point, it may be used in applications up to 350 °F or higher. Prolonged exposure to very high temperatures accelerates oxidation and decreases service life. Hence, for applications above 350°F, frequent re-lubrication is recommended.
- Uses include: kiln car wheel bearings, trunnion bearings, oven door hinges, pellet mill bearings, slag bed shaker bearings, hot conveyor bearings, and steam control valves.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

## SPECIFICATIONS

- ISO 6743-9: L-XAGDB
- DIN 51502: KPF1S-0

## ADVANTAGES

Non-melt grease.

Good sealing ability.

Reduces friction.

- Good water washout resistance.
- Non-melt.
- Excellent anti-rust, anti-corrosion, anti-oxidation properties.
- Contains moly to reduce friction and wear.
- High inorganic thickener content and heavy base oil viscosity improves sealing ability if used as a pipe thread compound.

TYPICAL CHARACTERISTICS	METHODS	CALORIS MS
Appearance	Visual	Smooth Grey
Thickener Type		Clay
NLGI Grade		1
Penetration Worked, 60xx	ASTM D 217	330
Dropping Point, °F	ASTM D 2265	Non-melt
Oil Separation, %wt	ASTM D 1742	0.0
Base Oil Properties:		
Viscosity @ 40°C, cSt	ASTM D 445	483

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