



# CALORIS MS 23

## DESCRIPTION

High temperature bentone clay grease with molybdenum disulfide.

## APPLICATIONS

Lubrication of slow moving mechanisms subjected to very high temperatures and repeated shocks. The presence of molybdenum disulfide will guarantee good lubrication, and avoid any jamming or sticking.

Allows peak temperatures up to 220°C, provided that the period of operation at this temperature is limited and that the equipment is re-greased frequently.

**CALORIS MS 23** grease offers the possibility of working in a corrosive atmosphere due to its resistance to mild alkaline and acidic solutions.

## SPECIFICATIONS

ISO 6743-9: L-XAEEA 2/3

DIN 51502: MF2/3P - 15

## ADVANTAGES

Excellent mechanical stability.

Excellent resistance to high loads and repeated shock loading due to the presence of Molybdenum disulfide.

Very good anti-wear properties

Resistant to mild alkaline and acidic solutions.

## RECOMMENDATIONS

Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system. It is recommended to clean all components before using CALORIS MS 23 and to avoid any mixture/dilution of the grease with conventional greases.

## TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODES	UNITS	CALORIS MS 23
Soap/thickener		-	Bentone
NLGI grade	ASTM D 217/DIN 51 818	-	2/3
Color	Visual	-	Anthracite
Appearance	Visual	-	Smooth/ Buttery
Operating temperature range		°C	-15 to 160
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	250-280
Dropping point	IP 396/NFT 60102 C	°C	infusible
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)	500

Above characteristics are mean values given as an information.

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).

**TotalEnergies Lubricants**

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