

# CALORIS 23



Grease

High temperature bentone clay grease.

## APPLICATIONS

### Industrial applications

- Lubrication of slow moving mechanisms subjected to very high temperatures.
- 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 23** grease offers the possibility of working in a corrosive atmosphere due to its resistance to mild alkaline and acidic solutions.

### Recommendation

- 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 23** and to avoid any mixture/dilution of the grease with conventional grease.

## SPECIFICATIONS

- ISO 6743-9: L-XAEEA 2/3
- DIN 51502: MF2/3P - 15

## ADVANTAGES

- Excellent resistance to high temperatures.
- Very good mechanical stability.
- Very good anti-wear properties.
- Resistant to mild alkaline and acidic solutions.
- **CALORIS 23** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CALORIS 23
Soap/thickener		-	Bentone
NLGI grade	ASTM D 217/DIN 51 818	-	2/3
Color	Visual	-	Brown
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.

TOTAL LUBRIFIANTS  
Industrie & Spécialités

24 october 2002 (supersedes 11 july 2001)

CALORIS 23

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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).

