

CASSIDA GREASE MD 2

Product Information

Specialty silicone grease for taps, valves and fittings
for food and beverage processing equipment



CASSIDA GREASE MD 2 is a high performance silicone lubricant specially developed for the grease lubrication and sealing of tapes, valves and fittings with EPDM seals (ethylene-propylene-diene rubber) in the food and beverage processing and packaging industry, with good resistance to hot water, steam and disinfectant solutions.

It is based on a very stable synthetic thickener and base fluids chosen for their ability to meet the stringent requirements of the food and beverage industry.

Registered by NSF (Class H1) for use where there is potential for incidental food contact. Produced according to FLT Quality Standards, in facilities where HACCP audit and Good Manufacturing Practice have been implemented and form part of the quality and hygiene management systems ISO 9001 and ISO 21469.

CERTIFICATIONS AND SPECIFICATIONS

- NSF H1
- Kosher
- Halal
- WRAS (UK Water Regulations Advisory Scheme Ltd.)



PERFORMANCE FEATURES

- Outstanding resistance to washout with cold and hot water, steam, disinfectant solutions and organic solvents
- Good adhesive properties
- Neutral odour and taste
- Does not affect bear foam stability
- Excellent rubber and elastomer compatibility including EPDM seals
- Free of mineral oil components

CASSIDA GREASE MD 2 is **not** compatible with other greases. All equipment must be carefully cleaned before applying CASSIDA GREASE MD 2.

APPLICATIONS

- Lubricant and sealing grease for taps, valves and fittings with EPDM (ethylene-propylene-diene rubber) seals
- Recommended for the lubrication of all sorts of taps, flow meters and fittings used for the handling of water, drinks and beer, including drum filling inflow valves
- Generally applicable for tap cock or spindle valves and for rubber seals such as sleeves, membranes, O-rings seals and lip seals
- Recommended for use in sterilisers
- **Not** recommended for use in high speed bearings or in heavily loaded machinery

OPERATING TEMPERATURES

-40 °C to +200 °C (peak up to +250 °C)

SEAL AND PAINT COMPATIBILITY

Compatible with EPDM and other elastomers, gaskets, seals and paints normally used in food machinery lubrication systems.

HANDLING AND STORAGE

All food grade lubricants should be stored separately from other lubricants, chemical substances and foodstuffs and out of direct sunlight or other heat sources. Store between 0 °C and +40 °C. Provided that the product has been stored under these conditions we recommend that the product be used within 3 years from the date of manufacture. Upon opening a pack, the product must be used within 2 year (or within 3 years of date of manufacture, whichever is the sooner).

TYPICAL CHARACTERISTICS (Typical for current production. Variations in these characteristics may occur.)

		CASSIDA GREASE MD 2	
Property	Test Method		
NSF Reg. No.		144806	
Appearance		white	
Structure		paste	
Type of thickener		PTFE	
Worked penetration at +25 °C	¹ / ₁₀ mm	ISO 2137	255 - 275
NLGI number		DIN 51818	2 - 3
Kin. Visc. (base oil) at +40 °C	mm ² /s	ISO 3104	650
Kin. Visc. (base oil) at +100 °C	mm ² /s	ISO 3104	250
Dropping Point	°C	ISO 2176	None
WRAS Approval, Reg. No		1503523	
Classification DIN		DIN 51502	KP SI 2/3 P-40
Classification ISO		ISO 6743-9	L-XDEHA 2/3



FUCHS LUBRITECH GMBH
Werner-Heisenberg-Straße 1
67661 Kaiserslautern / Germany
T: +49 (0) 6301 3206-0 / F: +49 (0) 6301 3206-940
www.fuchs-lubritech.com

 A Member of the
FUCHS PETROLUB Group

As far as we know these information reflect the current state of knowledge and our research. They cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check the suitability and be satisfied that the output will be satisfactory. Our products are continually being up-dated. We reserve the right, therefore, to alter the information of this product information at any time and without prior announcement. We are specialized in developing products for extreme tribological problems in cooperation with end users. FUCHS LUBRITECH provides service and individual advice. Please contact us! E-Mail: cassida.lubricants@fuchs-lubritech.de