

CASSIDA GREASE HTS 2

Synthetic high temperature grease for food and beverage processing equipment

Performance Features

- Excellent high temperature performance
- Good water resistance
- Good oxidation and mechanical stability
- Effective corrosion prevention characteristics
- Good adhesive properties
- Neutral odour and taste
- CASSIDA GREASE HTS 2 is based on an inorganic thickener and therefore generally not compatible with greases based on other thickener systems.



Roller bearings



High temperature



Partner Programme



NSF registered

Certifications and Specifications

- NSF H1
- NSF ISO 21469
- Kosher
- Halal

Description

CASSIDA GREASE HTS 2 is a high performance high temperature lubricant specially developed for the grease lubrication of machinery in the food and beverage processing and packaging industry. It is based on an inorganic thickener, synthetic fluids and selected additives chosen for their ability to meet the stringent requirements of the food and beverage industry. Certified by NSF for ISO 21469 and registered by NSF (Class H1) for use where there

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CASSIDA Product Information



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Special Application Lubricants

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.

Applications

- Grease lubrication where operating temperatures are up to short time peaks of +220 °C
- Plain and rolling element bearings
- Centralised automatic lubrication systems
- Joints, linkages and slides

Seal and Paint Compatibility

Compatible with the 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 years (or within 3 years of date of manufacture, whichever is the sooner).

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CASSIDA Product Information



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Technical Data: CASSIDA GREASE HTS 2

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
NSF Reg. No.	144713		
Colour	Beige		
Structure	Smooth paste		
NLGI grade	2		DIN 51818
Type of thickener	Inorganic		
Worked penetration [+25 °C]	265 -295	1/10 mm	ISO 2137
Kin. Visc. (base oil) at +40 °C	400	mm ² /s	ISO 3104
Kin. Visc. (base oil) at +100 °C (calculated)	40	mm ² /s	ISO 3104
Kin. Visc. (base oil) at +200 °C (calculated)	6	mm ² /s	ISO 3104
Dropping point	None	°C	ISO 2176
Operating temperatures	-30 to +200	°C	LLS 134
short-term peak	+220	°C	
Classification DIN	KP HC 2 S-30		DIN 51502
Classification ISO	L-XCGEA 2		ISO 6743-9

LLS = LUBRITECH Laboratory Specification
Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It 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 their suitability and be satisfied that the output will be satisfactory. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

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: info@fuchs-lubritech.de