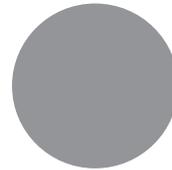


CASSIDA GREASE HDS Series

Product Information

Synthetic heavy-duty greases for food and beverage processing equipment



CASSIDA GREASE HDS 00 and **2** are very high performance heavy-duty lubricants specially developed for the grease lubrication of machinery in the food and beverage processing and packaging industry.

They are based on an aluminium complex 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 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
- NSF ISO 21469
- Kosher
- Halal



PERFORMANCE FEATURES

- Noted for their long life
- Excellent wash out resistance to hot and cold water
- Excellent oxidation and mechanical stability
- Excellent corrosion prevention characteristics
- Excellent adhesive or tackiness properties
- Neutral odour and taste

OPERATING TEMPERATURES

HDS 00: -35 °C to +100 °C (peak up to +120 °C)

HDS 2: -30 °C to +120 °C (peak up to +140 °C)

APPLICATIONS

CASSIDA GREASE HDS 00

- Enclosed industrial gearboxes
- Open gears
- Central grease lubrication systems

CASSIDA GREASE HDS 2

- Slow and medium speed plain and rolling element bearings
- Heavy loaded and shock loaded applications
- Joints, linkages and slides
- Overhead track systems

CASSIDA GREASES HDS may also be used as protective anti-rust films and as release agents on gaskets and seals of tank closures.

SEAL AND PAINT COMPATIBILITY

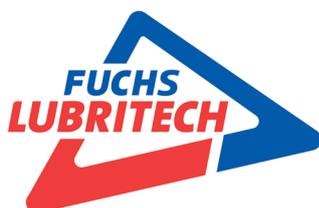
Compatible with the elastomers, gaskets, seals and paints normally used in food machinery lubrication systems.

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).

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

		CASSIDA GREASE HDS	
		00	2
Property	Test Method		
NSF Reg. No.		144711	144712
Appearance		White, tacky paste	
Type of thickener		Aluminium complex	
Worked penetration at +25 °C $1/10$ mm	ISO 2137	400 – 430	265 – 295
NLGI number	DIN 51818	00	2
Kin. Visc. (base oil) at +40 °C mm ² /s	ISO 3104	800	800
Kin. Visc. (base oil) at +100 °C mm ² /s	ISO 3104	67	67
Dropping Point °C	ISO 2176	>200	>240
Classification DIN	DIN 51502	GP HC 00 G-30	KP HC 2 K-30
Classification ISO	ISO 6743-9	L-XCBEB 00	L-XCCEB 2



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 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