

CASSIDA GREASE GTS 2

Product Information

Specialty synthetic extreme pressure grease for food and beverage processing equipment



CASSIDA GREASE GTS 2 is a water resistant extreme pressure lubricant specially developed for the grease lubrication of machinery in the food and beverage processing and packaging industry.

It is based on a calcium sulphonate complex thickener, synthetic base fluids and selected additives 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



PERFORMANCE FEATURES

- Excellent extreme pressure and anti-wear properties
 - Superior mechanical stability particularly in the presence of heat and water
 - Excellent corrosion prevention properties
 - Enhanced resistance to water washout
 - High dropping point
 - Neutral odour and taste
- CASSIDA GREASE GTS 2 is also available in spray form, FLT Product code 7610

APPLICATIONS

- Lubrication of electric motors, pumps, conveyors, mixers, gear units and bearings
- Medium speed bearings operating under adverse conditions
- Heavy-loaded and shock-loaded applications
- May also be used as protective anti-rust film and as release agent on gaskets and seals of tank closures

OPERATING TEMPERATURES

-45 °C to +170 °C (peak up to +200 °C)

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 GTS 2	
Property		Test Method	
NSF Reg. No.			144804
Appearance			Beige, smooth paste
Type of thickener			Calcium sulphonate complex
Worked penetration at +25 °C	1/10 mm	ISO 2137	265 – 295
NLGI number		DIN 51818	2
Kin. Visc. (base oil) at +40 °C	mm ² /s	ISO 3104	85
Dropping Point	°C	ISO 2176	>250
Rust protection (sea water)		DIN 51802	0/0
Copper corrosion, 24h at +100 °C		DIN 51811	1b
Classification DIN		DIN 51502	KP HC 2 P-40
Classification ISO		ISO 6743-9	L-XDEIB 2
SRV Test:			
- Friction Coefficient	µ min.	T: +50 °C	0.08
- Friction Coefficient	µ max.	F: 200N	0.09
		10 ⁶ Load changes	
- Wear Ball	mm	5.5 hours	0.45
- Wear Plate	µm		< 1.0



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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