

CASSIDA GREASE GTX Series

Specialty synthetic heavy-duty greases for food and beverage processing equipment

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



Roller bearings



Extreme pressure



Slideways



Linkages, pins



Partner Programme



NSF registered

Certifications and Specifications

- NSF H1
- Kosher
- Halal

Description

CASSIDA GREASE GTX are water resistant heavy-duty lubricant specially developed for the grease lubrication of machinery in the food and beverage processing and packaging industry. They are 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

Product Information

MOVING YOUR WORLD



9001 and ISO 21469.

Applications

- Lubrication of steam dryers, electric motors, pumps, conveyors, mixers, gear units and bearings
- Low to 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

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).

Product Information

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Technical Data: CASSIDA GREASE

Characteristics	GTX 0	GTX 2	Unit	Test Method
NSF Reg. No.	147773	144803		
Color	Beige	Beige		
Structure	Smooth, semi-fluid	Smooth paste		
NLGI grade	0	2		DIN 51818
Type of thickener	Calcium sulphonate complex	Calcium sulphonate complex		
Worked penetration [+25 °C]	355 - 385	265 - 295	1/10 mm	ISO 2137
Kin. Visc. (base oil) at +40 °C	460	460	mm ² /s	ISO 3104
Kin. Visc. (base oil) at +100 °C	44	44	mm ² /s	ISO 3104
Dropping point	>260	>260	° C	ISO 2176
Operating temperatures	-35 to +160	-35 to +180	° C	LV0124
short-term peak	+200	+220	° C	
Rust protection (sea water)	Pass	Pass		ASTM D 1743
Copper corrosion, 24h at +100 °C	1b	1b	rating	DIN 51811
Four ball, weld load	2,800	2,800	N	DIN 51350-4
SRV Test*				DIN 51834
Friction coefficient		0.07	µ min	
Friction coefficient		0.09	µ max	
Wear ball		0.42	mm	
Wear plate		<1.0	µm	
Classification DIN	GP HC 0 P-30	KP HC 2 R-30		DIN 51502
Classification ISO	L-XCEIB 0	L-XCFIB 2		ISO 6743-9

* T: +190 °C / F: 200N

LV = 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. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. 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 LUBRICANTS GERMANY provides service and individual advice. Please contact us!

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