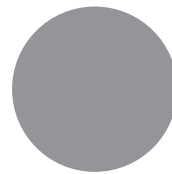


CASSIDA GREASE HTS 2

Product Information

Synthetic high temperature grease for food and beverage processing equipment



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 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

- 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.

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

OPERATING TEMPERATURES

-30 °C to +200 °C (peak up to +220 °C)

SEAL AND PAINT COMPATIBILITY

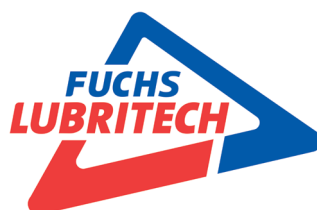
Compatible with the elastomers, gaskets, seals and paints normally used in food machinery lubrication systems.

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 HTS 2 | |
|-----------------------------------------------|---------------------------------|----------------------|---------------------|
| Property | | Test Method | |
| NSF Reg. No. | | | 144713 |
| Appearance | | | Beige, smooth paste |
| Type of thickener | | | Inorganic |
| 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 | 400 |
| Kin. Visc. (base oil) at +100 °C (calculated) | mm ² /s | ISO 3104 | 40 |
| Kin. Visc. (base oil) at +200 °C (calculated) | mm ² /s | ISO 3104 | 6 |
| Dropping Point | °C | ISO 2176 | None |
| Classification DIN | | DIN 51502 | KP HC 2 S-30 |
| Classification ISO | | ISO 6743-9 | L-XCGEA 2 |



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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