CASSIDA GREASE EPS Series

Synthetic extreme pressure greases for food and beverage processing equipment

Performance Features

- **Noted for their long life**
- **Excellent water resistance**
- **Excellent oxidation and mechanical stability**
- **Excellent corrosion prevention characteristics**
- **Excellent adhesive properties**
- **Neutral odour and taste**


Roller bearings

Extreme pressure


Gears - enclosed

Partner Programme

NSF registered

Certifications and Specifications

- **NSF H1**
- **NSF ISO 21469**
- **Kosher**
- **Halal**

Description

CASSIDA GREASE EPS 00, 1 and 2 are high performance extreme pressure 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

FUCHS LUBRITECH GMBH
Werner-Heisenberg-Str. 1
67661 Kaiserslautern/ Germany

Phone: +49 (0) 6301 3206-0
Fax: +49 (0) 6301 3206-940
info@fuchs-lubritech.de
www.fuchs.com/lubritech

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

- Enclosed industrial gearboxes (EPS 00/1)
- Automatic, centralised lubrication systems (EPS 00/1)
- Plain and rolling element bearings (EPS 1)
- Joints, linkages and slides (EPS2)
- Recommended for a wide range of applications (EPS 2)

CASSIDA GREASE EPS 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).

FUCHS LUBRITECH GMBH
Werner-Heisenberg-Str. 1
67661 Kaiserslautern/ Germany

Phone: +49 (0) 6301 3206-0
Fax: +49 (0) 6301 3206-940
info@fuchs-lubritech.de
www.fuchs.com/lubritech

Technical Data: CASSIDA GREASE

Characteristics	EPS 00	EPS 1	EPS 2	Unit	Test Method
NSF Reg. No.	144708	144709	144710		
Colour	White	White	White		
Structure	semi-fluid	smooth paste	smooth paste		
NLGI grade	00	1	2		DIN 51818
Type of thickener	Aluminium Complex	Aluminium Complex	Aluminium Complex		
Worked penetration [+25 °C]	400-430	310-340	265-295	1/10 mm	ISO 2137
Kin. Visc. (base oil) at +40 °C	220	220	220	mm²/s	ISO 3104
Kin. Visc. (base oil) at +100 °C	25	25	25	mm²/s	ISO 3104
Dropping point	>200	>240	>240	° C	ISO 2176
Operating temperatures	-45 to +100	-40 to +120	-35 to +120	° C	LLS 134
short-term peak	+120	+140	+140	° C	
Classification DIN	GP HC 00 G-40	KP HC 1 K-40	KP HC 2 K-30		DIN 51502
Classification ISO	L-XEBEB 00	L-XDCEB 1	L-XCCEB 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. Please be aware that our products must not be used for applications in nuclear primary circuits or on-boad 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 LUBRITECH provides service and individual advice. Please contact us!
E-Mail: info@fuchs-lubritech.de

FUCHS LUBRITECH GMBH
Werner-Heisenberg-Str. 1
67661 Kaiserslautern/ Germany

Phone: +49 (0) 6301 3206-0
Fax: +49 (0) 6301 3206-940
info@fuchs-lubritech.de
www.fuchs.com/lubritech