

CASSIDA GREASE EPS Series

Synthetic extreme pressure greases for food and beverage processing equipment



Gears – enclosed



Roller Bearings



Plain Bearings



Extreme Pressure



NSF registered

Description

CASSIDA GREASE EPS 00, 0, 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 aluminum 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 LUBRITECH 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

- Operating Temperatures:
 - EPS 00: -45 °C (-49 °F) to +100 °C (212 °F) [peak up to +120 °C (248 °F)]
 - EPS 0: -40 °C (-40 °F) to +100 °C (212 °F) [peak up to +120 °C (248 °F)]
 - EPS 1: -40 °C (-40 °F) to +120 °C (248 °F) [peak up to +140 °C (284 °F)]
 - EPS 2: -35 °C (-31 °F) to +120 °C (248 °F) [peak up to +140 °C (284 °F)]
- Noted for their long life

CASSIDA Product Information



LUBRITECH
Special Application Lubricants

- Excellent water resistance
- Excellent oxidation and mechanical stability
- Excellent corrosion prevention characteristics
- Excellent adhesive properties
- Neutral odor and taste

Applications

- Enclosed industrial gearboxes (EPS 00|0|1)
- Automatic, centralized lubrication systems (EPS 00|0|1)
- Plain and rolling element bearings (EPS 1|2)
- Joints, linkages and slides (EPS 2)
- Recommended for a wide range of applications (EPS 2)
- CASSIDA GREASES 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).

CASSIDA Product Information



LUBRITECH
Special Application Lubricants

Typical characteristics

Property	EPS 00	EPS 0	EPS 1	EPS 2	Unit	Test Method
NSF Reg. No.	152003	152695	147343	152004		
Appearance	White semi-fluid	White semi-fluid	White smooth paste	White smooth paste		
Type of thickener	Aluminum complex	Aluminum complex	Aluminum complex	Aluminum complex		
Worked penetration at +25°C	400-430	355-385	310-340	265-295	1/10 mm	ISO 2137
NLGI number	00	0	1	2		DIN 51818
Kin. Visc. (base oil) at +40 °C	220	220	220	220	mm ² /s	ISO 3104
Kin. Visc. (base oil) at +100 °C	25	25	25	25	mm ² /s	ISO 3104
Dropping Point	>200 (>392)	>200 (>392)	>240 (>464)	>240 (>464)	°C (°F)	ISO 2173
Classification DIN	GP HC 00 G-40	GP HC 0 G-40	KP HC 1 K-40	KP HC 2 K-30		DIN 51502

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@fuchsus.com