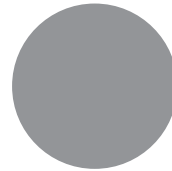


CASSIDA GREASE RLS Series

Product Information

Synthetic regular load greases for food and beverage processing equipment



CASSIDA GREASE RLS 00, 0, 1 and 2 are 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 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

- Noted for their long life
- Good water resistance ensures lasting protection even in the presence of large amounts of water
- Good oxidation and mechanical stability. Resists the formation of deposits caused by oxidation at high operating temperatures and maintain consistency, reducing leakage
- Effective corrosion protection. Ensures components/bearings do not fail due to corrosion
- Good adhesive properties reduce losses thereby reducing grease consumption
- Neutral odour and taste

APPLICATIONS

CASSIDA GREASES RLS 00 / RLS 0

- Lightly loaded grease lubricated gear boxes
- Automatic, centralised lubrication systems

CASSIDA GREASES RLS 1 / RLS 2

- Rolling element and plain bearings
- Joints and linkages open to the atmosphere
- Automatic, centralised lubrication systems

OPERATING TEMPERATURES

RLS 00: -45 °C to +100 °C (peak up to +120 °C)

RLS 0: -40 °C to +100 °C (peak up to +120 °C)

RLS 1: -40 °C to +120 °C (peak up to +140 °C)

RLS 2: -35 °C to +120 °C (peak up to +140 °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 RLS			
		00	0	1	2
Property	Test Method				
NSF Reg. No.		144705	144704	144706	144707
Appearance		White semi-fluid		White smooth paste	
Type of thickener		Aluminium complex			
Worked penetration at +25 °C $\frac{1}{10}$ mm	ISO 2137	400-430	355 - 385	310 - 340	265 - 295
NLGI number	DIN 51818	00	0	1	2
Kin. Visc. (base oil) at +40 °C mm^2/s	ISO 3104	100	150		
Kin. Visc. (base oil) at +100 °C mm^2/s	ISO 3104	13.4	18.0		
Dropping Point °C	ISO 2176	>200	>240		
Classification DIN	DIN 51502	GP HC 00 G-40	GP HC 0 G-40	KP HC 1 K-40	KP HC 2 K-30
Classification ISO	ISO 6743-9	L-XEBEA 00	L-XDBEA 0	L-XDCEA 1	L-XCCEA 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