

CASSIDA GREASE RLS Series

Synthetic regular load greases for food and beverage processing equipment

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



Gears - enclosed



Roller bearings



Can seamers and sterilizers



Partner Programme



NSF registered

Certifications and Specifications

- NSF H1
- NSF ISO 21469
- Kosher
- Halal

Description

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

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CASSIDA Product Information



LUBRITECH
Special Application Lubricants

9001 and ISO 21469.

Applications

- Lightly loaded grease lubricated gear boxes (RLS 00|0)
- Automatic, centralised lubrication systems (RLS 00|0)
- Rolling element and plain bearings (RLS 1|2)
- Joints and linkages open to the atmosphere (RLS 1|2)
- Automatic, centralised lubrication systems (RLS 1|2)

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

Technical Data: CASSIDA GREASE

| <u>Characteristics</u> | <u>RLS 00</u> | <u>RLS 0</u> | <u>RLS 1</u> | <u>RLS 2</u> | <u>Unit</u> | <u>Test Method</u> |
|----------------------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| NSF Reg. No. | 144705 | 144704 | 144706 | 144707 | | |
| Colour | White | White | White | White | | |
| Structure | Semi-fluid | Semi-fluid | Smooth paste | Smooth paste | | |
| NLGI grade | 00 | 0 | 1 | 2 | | DIN 51818 |
| Type of thickener | Aluminium Complex | Aluminium Complex | Aluminium Complex | Aluminium Complex | | |
| Worked penetration [+25 °C] | 400 - 430 | 355 - 385 | 310 - 340 | 265 - 295 | 1/10 mm | ISO 2137 |
| Kin. Visc. (base oil) at +40 °C | 100 | 150 | 150 | 150 | mm ² /s | ISO 3104 |
| Kin. Visc. (base oil) at +100 °C | 13,4 | 18,0 | 18,0 | 18,0 | mm ² /s | ISO 3104 |
| Dropping point | >200 | >240 | >240 | >240 | °C | ISO 2176 |
| Operating temperatures | -45 to +100 | -40 to +100 | -40 to +120 | -35 to +120 | °C | LLS 134 |
| short-term peak | +120 | +120 | +140 | +140 | °C | |
| Classification DIN | GP HC 00 G-40 | GP HC 0 G-40 | KP HC 1 K-40 | KP HC 2 K-30 | | DIN 51502 |
| Classification ISO | L-XEBEA 00 | L-XDBEA 0 | L-XDCEA 1 | L-XCCEA 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. 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!
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