

# CASSIDA Product Information

## 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



### CERTIFICATIONS AND SPECIFICATIONS

- NSF H1
- NSF ISO 21469
- Kosher
- Halal

**CASSIDA** GREASE RLS 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 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 Bremer & Leguil 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.

# CASSIDA GREASE RLS Series

## APPLICATIONS

### **CASSIDA** GREASE RLS 00 / RLS 0

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

### **CASSIDA** GREASE 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 (short peaks up to: +120 °C)

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

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

RLS 2: -35 °C to +120 °C (short peaks 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 food-stuffs 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.)			
			<b>CASSIDA</b> GREASE RLS			
			00	0	1	2
Property	Test Method					
NSF Reg.-No.			144871	144870	144873	144874
Colour			White			
Appearance			smooth paste			
Type of thickener			Aluminium complex			
Worked penetration at +25 °C	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 <sup>2</sup> /s	ISO 3104	100	150		
Kin. Visc. (base oil) at +100 °C	mm <sup>2</sup> /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-XEBA 00	L-XDBEA 0	L-XDCEA 1	L-XCCEA 2