

## CASSIDA SILICONE FLUID

Multi-purpose silicone fluid for use on food and beverage processing equipment

### Performance Features

- Thermal stability up to  $>+220$  °C
- Excellent adhesive properties minimize “fling-off” in use and wash-off by both cold and hot water
- Leaves a “dry” lubricating film
- Helps prevent rubber cracking and drying
- Displaces water
- Formulated for use on metal to non-metal or non-metal to non-metal contact surfaces



Maintenance aid



Slideways



Linkages, pins



Partner Programme



NSF registered

### Certifications and Specifications

- NSF 3H, H1
- NSF ISO 21469
- Kosher
- Halal

### Description

CASSIDA SILICONE FLUID is a fully synthetic, high performance multi-purpose fluid, which has been specially formulated to lubricate conveyors, slow rotating machinery, small slow speed bearings and pivot points in the food and beverage processing and packaging industry. It is based on a synthetic fluid carefully chosen for its ability to meet the stringent requirements of the food industry. Registered by NSF for use in both direct contact applications (Class 3H) and where there is potential for incidental food contact (Class H1). Produced according to FLT Quality

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# CASSIDA Product Information



**LUBRITECH**  
Special Application Lubricants

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

- General maintenance lubricant
- Conveyor lubrication
- Slow rotating machinery and slow speed bearings
- Pivot points

## Solubility

Stable, does not emulsify with water, lower alcohols, glycols or glycerines. It is soluble in non-polar organic solvents such as ketones, ethers, esters and higher alcohols.

## 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 to use the product within 5 years from the date of manufacture. Upon opening a pack, the product must be used within 2 years (or within 5 years of date of manufacture, whichever is the sooner).

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# CASSIDA Product Information



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## Technical Data: CASSIDA SILICONE FLUID

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
NSF Reg. No.	144681		
Colour	Colourless		
Density [+15 °C]	976	kg/m <sup>3</sup>	ISO 12185
Flashpoint	>300	° C	ISO 2590
Pourpoint	-48	° C	ISO 3016
Kin. Visc. [+25 °C]	350	mm <sup>2</sup> /s	ISO 3104
Kin. Visc. [+40 °C]	270	mm <sup>2</sup> /s	ISO 3104
Operating temperatures	-40 to +200	° C	LLS 134
short-term peak	-45/+220	° C	

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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