

## CASSIDA CHAIN OIL LT

**Synthetic low temperature chain lubricant for food and beverage processing equipment**

### Performance Features

- The base fluid properties have been specially enhanced to provide superior lubrication under operating conditions where adhesion to moving parts is essential
- Good anti-wear performance offers long and reliable component life and therefore lower maintenance costs
- Wide temperature range for excellent performance, especially at sub-zero temperatures
- Resists the formation of harmful products of oxidation, even at elevated temperatures, resulting in long oil life
- Prevents component damage through excellent water separation properties, which resist formation of potentially harmful emulsions
- Neutral odour and taste
- High viscosity index results in minimum variation of viscosity with change in temperature
- Effective protection against corrosion of metal surfaces



Chains



Low  
temperature



Partner  
Programme



NSF registered

### Certifications and Specifications

- NSF H1
- NSF ISO 21469
- Kosher
- Halal

# Product Information

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## Description

CASSIDA CHAIN OIL LT is a fully synthetic, high performance, anti-wear chain lubricant, specially developed for the lubrication of transport mechanisms inside food freezer machinery. It is based on a careful blend of 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.

## Applications

- Transport mechanisms inside food freezer machinery, such as spiral freezers
- Lubrication of metal-metal and metal-ceramic contact points in open machinery, such as slideways and chains
- Slideways, levers, joints and bolts ropes, spindles and guide pulleys
- Plain and anti-friction bearings

## 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).

# Product Information

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## Technical Data: CASSIDA CHAIN OIL LT

Characteristics	Value	Unit	Test Method
NSF Reg. No.	144682		
Color	Colourless to yellowish		
Density [+15 °C]	831	kg/m <sup>3</sup>	ISO 12185
Flashpoint	>210	° C	ISO 2592
Pourpoint	< -60	° C	ISO 3016
Kin. Visc. [+40 °C]	32	mm <sup>2</sup> /s	ISO 3104
Kin. Visc. [+100 °C]	6,5	mm <sup>2</sup> /s	ISO 3104
Operating temperatures	-50 to +140	° C	LV0124
short-term peak	-60	° C	

LV = 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. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. 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 LUBRICANTS GERMANY provides service and individual advice. Please contact us!

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