

## FM CHAIN OIL 100

Chain oil developed for use in machinery used in the food and beverage industry



Chains



Conveyors



NSF registered

### Description

FM CHAIN OIL 100 is a white oil based high performance, anti-wear chain oil which has been specially developed for use in machinery used in the food and beverage processing and packaging industry.

It is based on careful blend of fluids and selected additives chosen for their ability to meet the stringent requirements of 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 LUBRITECH 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

- Excellent adhesive properties minimize “fling-off” in use and wash-off by both cold and hot water
- Extends the service life of chains and reduce down-time due to superior wear prevention and corrosion protection, even under wet or aggressive conditions
- Easily applied by either brush, through baths or by automatic lubrication system
- Neutral odor and taste
- Solvent-free formulation to provide greater safety in use

# CASSIDA Product Information



**LUBRITECH**  
Special Application Lubricants

## Applications

- Drive and transport chains in the food industry
- Also intended for use in equipment manufacturing food packaging

## Seal and paint compatibility

Compatible with the elastomers, gaskets, seals and paints such as poly-urethane and two part epoxy resin paints, frequently used on machinery and in lubrication systems employed in the food processing industry.

## 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 32 °F and 100 °F. Provided that the product has been stored under these conditions we recommend that the product be used 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 the date of manufacture, whichever is sooner).

## Typical characteristics

| Property                         | Value      | Unit               | Test Method |
|----------------------------------|------------|--------------------|-------------|
| NSF Reg. No.                     | 133357     |                    |             |
| Colour                           | Colourless |                    |             |
| Density at 15°C                  | 856        | kg/m <sup>3</sup>  | ASTM D 4052 |
| Flash Point                      | 104 (219)  | °C (°F)            | ASTM D 92   |
| Pour Point                       | -28 (-18)  | °C (°F)            | ASTM D 97   |
| Kin. Visc. (base oil) at +40 °C  | 100        | mm <sup>2</sup> /s | ASTM D 445  |
| Kin. Visc. (base oil) at +100 °C | 14         | mm <sup>2</sup> /s | ASTM D 445  |

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@fuchsus.com](mailto:cassida.lubricants@fuchsus.com)