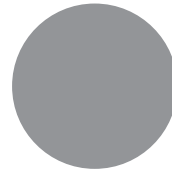


# CASSIDA FLUID VP 100

## Product Information

Synthetic lubricant for use in vacuum pumps for food and beverage processing equipment



**CASSIDA FLUID VP 100** is a high performance fluid specially developed for use in vacuum pumps used in the food and beverage processing and packaging industry.

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.

### CERTIFICATIONS AND SPECIFICATIONS

- NSF H1
- NSF ISO 21469
- Kosher
- Halal
- DIN 51506 VBL, VCL, VDL
- ISO 6743-3 DAA, DAB, DVA, DVB, DVC, DVD



## PERFORMANCE FEATURES

- Base fluid has an ability to provide superior lubrication under the majority of operating conditions
- Very good anti-wear performance resulting in greater plant utilisation
- Has inherently good water shedding properties and resistance to foaming
- Excellent high temperature performance resists the formation of harmful products of oxidation at elevated temperatures, resulting in long oil life
- Neutral odour and taste
- High viscosity index
- Good protection against corrosion of all metal working surfaces
- Good low temperature properties down to -40 °C

## APPLICATIONS

- Vacuum pumps which produce medium vacuum

## SEAL AND PAINT COMPATIBILITY

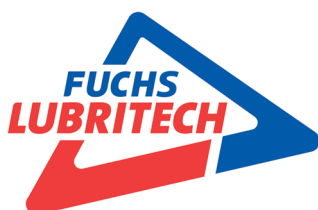
Compatible with the elastomers, gaskets, seals and paints normally used in food machinery lubrication systems.

## 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).

## TYPICAL CHARACTERISTICS (Typical for current production. Variations in these characteristics may occur.)

			CASSIDA FLUID VP 100
Property	Test Method		
NSF Reg. No.			144703
Colour			Colourless
Density at +15 °C	kg/m <sup>3</sup>	ISO 12185	841
Flashpoint	°C	ISO 2592	275
Pourpoint	°C	ISO 3016	-54
Kin. Visc. at +40 °C	mm <sup>2</sup> /s	ISO 3104	100
Kin. Visc. at +100 °C	mm <sup>2</sup> /s	ISO 3104	13.9
Viscosity index	ISO 2909		140
Vapour pressure at +120 °C	mbar	ASTM D 2879	0.056
at +150 °C	mbar		0.226
at +175 °C	mbar		0.759
at +200 °C	mbar		1.866



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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@fuchs-lubritech.de](mailto:cassida.lubricants@fuchs-lubritech.de)