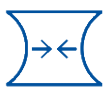


CASSIDA FLUID VP Series

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

Performance Features

- The 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
- 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**



Vacuum pumps



Compressors



Roller bearings



Partner Programme



NSF registered

Certifications and Specifications

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

Description

Product Information



LUBRITECH
Special Application Lubricants

CASSIDA FLUID VP 68 and 100 are high performance fluids specially developed for use in vacuum pumps used in the food and beverage processing and packaging industry. They are 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

- 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).

Technical Data: CASSIDA FLUID

<u>Characteristics</u>	<u>VP 68</u>	<u>VP 100</u>	<u>Unit</u>	<u>Test Method</u>
NSF Reg. No.	145432	144703		
Colour	Colourless to pale yellow	Colourless to pale yellow		
Density [+15 °C]	837	841	kg/m ³	ISO 12185
Flashpoint	270	275	° C	ISO 2592
Pourpoint	-60	-54	° C	ISO 3016
Kin. Visc. [+40 °C]	68	100	mm ² /s	ISO 3104
Kin. Visc. [+100 °C]	9,5	13,9	mm ² /s	ISO 3104
Viscosity index	133	140		ISO 2909
Operating temperatures	-45 to +120	-40 to +120	° C	LLS 134
short-term peak	-55/+140	-50/+140	° C	
Vapour pressure [+150 °C]	<0,11	<0,23	hPa	ASTM D 2879
Noack - evaporation loss [250 °C/1h]	<2,0	<1,9	%	DIN 51851-1

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. 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 LUBRITECH provides service and individual advice. Please contact us!
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