

FM FLUID DC Series

Direct contact fluids for food processing applications in the food manufacturing industry

Performance Features

- Registered for direct food contact
- Wide temperature range for application
- High temperature and oxidation stability
- Neutral odour and taste



Direct food
contact



Partner
Programme



NSF registered

Certifications and Specifications

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

Description

FM FLUID DC 20 and 68 are multipurpose fluids designed for a number of special applications in the food manufacturing industry. They have been specially developed to meet the stringent requirements of the food industry. They are based on a careful blend of fluids chosen for their ability to meet the stringent requirements of the food industry. Certified by NSF for ISO 21469 and registered by NSF for use in both direct contact applications (Class 3H) and where there is potential for incidental food contact (Classes H1). 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.

FM FLUID DC 20 | 1000940-3 | 2016-10-26 | 1 / 3

CASSIDA Product Information



LUBRITECH
Special Application Lubricants

Applications

- Absorber oil for edible oil extraction plant solvent recovery systems (DC 20).
- Release agent used on grills, loaf pans, cutters, boning benches, chopping blocks or other hard surfaces to help prevent food from adhering during processing.
- Forming oil for the manufacture of both two and three piece cans for food and beverages.

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: FM FLUID

<u>Characteristics</u>	<u>DC 20</u>	<u>DC 68</u>	<u>Unit</u>	<u>Test Method</u>
NSF Reg. No.	145431	144810		
Colour	Colourless	Colourless		
Density [+15 °C]	856	865	kg/m ³	ISO 12185
Flashpoint	200	240	°C	ISO 2590
Pourpoint	<-10	-9	°C	ISO 3016
Kin. Visc. [+40 °C]	22	68	mm ² /s	ISO 3104
Kin. Visc. [+100 °C]	4,5	9,5	mm ² /s	ISO 3104
Operating temperatures	0 to +120	0 to +120	°C	LLS 134
short-term peak	-10/+130	-5/+130	°C	

LLS = LUBRITECH Laboratory Specification
Typical for current production. Variations in these characteristics may occur.

FM FLUID DC 20 | 1000940-3 | 2016-10-26 | 2 / 3

CASSIDA Product Information



LUBRITECH
Special Application Lubricants

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!
E-Mail: info@fuchs-lubritech.de