

FM FLUSHING FLUID 32

Specialty Cleaning and Flushing Concentrate for Heat Transfer Systems operating in the food and beverage industry

Performance Features

- Specially designed to clean heat transfer systems
- Excellent cleaning properties when used at elevated temperatures and turbulent flow conditions
- Dissolves varnish and carbon residues
- Can be used during operation
- Reduces down time
- Improves thermal efficiency
- Saves costs by reducing maintenance needs
- Easy to handle



Flushing



Partner Programme



NSF registered

Certifications and Specifications

- NSF H1, HT1
- Kosher
- Halal

Description

FM FLUSHING FLUID 32 is an easy to handle, semisynthetic cleaning and flushing fluid concentrate with excellent performance for use in machinery in the food and beverage processing and packaging industry, especially developed for heat transfer systems. It is based on a careful blend of fluids and selected additives chosen for their ability to meet the stringent requirements of the food and beverage industry. Registered by NSF (Class H1) for use where there is potential for incidental food contact. Produced according to FLT Quality Standards, in facilities where

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CASSIDA Product Information



LUBRITECH
Special Application Lubricants

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

- FM FLUSHING FLUID 32 is recommended for use in closed heat transfer systems which suffer from carbon formation due to thermal and oxidative degradation.
- Might be used as a change-over aid in other applications as well. In these cases please get in contact with the FLT product management prior to any local action to get detailed advice.

General Instructions

Add FM FLUSHING FLUID 32 to the heat transfer system oil at a ratio of 10%. Be sure to drain enough heat transfer fluid to allow for the additional quantity. Let the system continue operating for an additional 48 hours up to a maximum of one week to dissolve varnish and carbon residues. Completely drain the unit while the oil is still warm in order to prevent the dissolved residue from settling. Then exchange the filters and refill the unit with FM HEAT TRANSFER FLUID 32.

Note: Cleaning and flushing of heat transfer systems mainly depend on the overall condition of the system. The above instructions have therefore to be seen as a rough guideline only. Seek detailed advice at your local distributor.

Seal and Paint Compatibility

Compatible with 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).

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CASSIDA Product Information



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Technical Data: FM FLUSHING FLUID 32

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
NSF Reg. No.	152074		
Colour	Yellow		
Density [+40 °C]	885	kg/m ³	ISO 12185
Flashpoint	>200	° C	ISO 2590
Pourpoint	<-20	° C	ISO 3016
Kin. Visc. [+40 °C]	31	mm ² /s	ISO 3104
Operating temperatures	-10 to +150	° C	LLS 134
short-term peak	+325 *	° C	

* in heat transfer systems

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. 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