

Food grade lubricating greases – NSF-Registered Aluminum complex lubricating greases ISO L-XBCHB 0, 2

FAMATOX[®] FM

FAMATOX[®] FM lubricating greases, smooth, gelatinous structure. They are made of white mineral oils - pharmaceutical quality level, aluminum complex soap and polymer. They contain antioxidants, EP and AW additives.

ADVANTAGES

- These lubricating greases are NSF-registered, category H1: Lubricating greases are used for the lubrication where incidental food contact may occur.
- They are physiologically harmless regarding taste and odour.
- Excellent water resistance, it provides continuous protection even when the equipment is rinsed occasionally.
- Excellent shear stability.
- High load carrying capacity
- Very good pumpability.
- Resistant to sealing materials.

QUALITY LEVEL

ISO 6743-9: L-X BCHB 0, 2

DIN 51 502: KP 0 K-20, KP 2 K-20

FAMATOX[®] FM 0 NSF-Registered, code H1, Reg.No.138257

FAMATOX[®] FM 2 NSF-Registered, code H1, Reg.No.138258



SCOPE OF APPLICATION

- Food and milk processing industry
- Sugar industry
- Industry of alcoholic and non-alcoholic beverages
- Other industries where physiologically neutral grease is required

APPLICATION

- It is intended for general lubrication of process equipment in the food industry where incidental contact with food may occur.
 - They are applied for the lubrication of roller and sliding bearings, valves, gate valves, driving chains in baking industry, conveyor bearings in meat processing industry and other lubricating assembly blocks where physiologically neutral lubricating grease is required.
 - They can be applied manually or with automatic application equipment.
 - FAMATOX FM 2 lubricating grease is suitable for the lubrication of lubricating assembly blocks *rubber-metal, plastics*, considering that it does not affect sealing materials.
 - FAMATOX FM 0 is suitable for lubricating lightly loaded reducers, with a central lubrication system.
- Temperature range of application: -20°C to +120 °C maximum up to 140°C

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TYPICAL CHARACTERISTICS

Characteristics	Units	Values		Methods
FAMATOX® FM	-	0	2	-
Colour	-	Light beige		visual
Soap type/ Thickener	-	Aluminum – complex soap		-
NLGI grade	-	0	2	DIN 51 818
Working penetration at 25°C , 60 cycles	mm/10	335 - 365	265-295	SRPS ISO 2137
Dropping point	°C	220	240	ASTM D 2265
Kinematic viscosity of base oil at 40°C	mm ² /s	ca 530		SRPS ISO 3104
Oxidation stability, 100h/100°C	kPa	30		ASTM D 942
Copper corrosion, 24h@ 100°C	degree	1		ASTM D 4048
Water washout, 1h/79,4°C	%	-	1	ASTM D 1264
EMCOR test,168h, dist. water	rating	0/0	0/0	DIN 51 802
Average wear diameter	mm	< 0,7		ASTM D 2266
Weld load	N	3150	4000	ASTM D 2596
Flow pressure - 20°C	mbar	500	1500	DIN 51 805
Temperature of application	°C	-20 to +120, maximum 140		

STORAGE

Store in a covered area, protected from direct influence of sun and moisture, away from the ignition source. Recommended storage temperature: - 5°C to +25°C.

All necessary instructions can be found in the product SDS. It contains the details of possible hazards, warnings and first aid measures, as well as the impact on the environment and the necessary measures for the storage and handling.

PACKING

Cans of (0,4; 0,8; 4 and 20) kg , drums of 180 kg; for FAMATOX FM 2 eurocartridge 0,4 kg.

Data are orientational, manufacturer reserves the right to make changes in order to improve product quality.

