

High temperature EP lubricating grease
Inorganic thickener based lubricating grease ISO L-XBFHB 1,2

FAMTEMP[®] EP

FAMTEMP[®] EP: high-temperature, smooth structure EP lubricating greases. They are produced on the basis of non-soap thickener: modified clay "bentonite" in highly refined mineral oil. It contains inhibitors of corrosion and oxidation, EP additives that reduce wear and improve high load carrying capacity.

ADVANTAGES

- Excellent high temperature properties
- Very good EP and antiwear properties
- Resistance to hot and cold water
- Resistance to weak alkaline and acidic solutions
- Good oxidation stability

QUALITY LEVEL

ISO 6743-9: L-X BFHB 1,2

DIN 51 502: KP 1R-25;KP 2R-25

SCOPE OF APPLICATION

- Paper industry, leather, wood, textile industry

APPLICATION

- Lubrication of roller, sliding bearings and other low speed loaded mechanisms exposed to high temperatures.
- Lubricating conveyors and bearings in ovens operating under high temperature conditions.
- Lubrication of bearings in the humid environment and in conditions of poor alkaline and acidic solutions.
- Lubrication of roller bearings in presses when processing biomass into biofuel - pellet.

- Temperature range of application: -25°C to +180°C short-term up to 200°C

TYPICAL CHARACTERISTICS

Characteristics	Units	Values		Methods
		1	2	
FAMTEMP®		1	2	-
Colour	-	Green brown		visual
Soap type/Thickener	-	Inorganic thickener		-
NLGI grade		1	2	DIN 51 818
Working penetration at 25°C , 60 cycles	mm/10	320	280	SRPS ISO 2137
Dropping point	°C	> 300		SRPS ISO 2176
Kinematic viscosity of base oil at 40°C:	mm ² /s	ca 460		SRPS ISO 3104
Oxidation stability, 100h/100 °C	kPa	30		ASTM D 942
Oil separation, 168h/40 °C	%	3	2	BS 2000/121
Average wear diameter	mm	0,45		ASTM D 2266
Weld load	N	5000		ASTM D 2596
Temperature of application	°C	• -25 up to +180 short-term up to 200		

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

Plastic cans of 20 kg and tin drums of 180 kg

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

