

High temperature lubricating grease with MoS₂
Inorganic thickener based lubricating grease ISO L-XBFIB 2

FAMTEMP[®] 2MoS

FAMTEMP[®] 2MoS high temperature EP lubricating grease, produced on the basis of non-soap thickener: modified clay "bentonite", highly refined mineral oil and functional additives. The content of molybdenum disulfide provides excellent lubricity and improves mechanical stability.

ADVANTAGES

- Excellent ability to handle high and repeated impact loads
- Good antiwear properties
- Very good thermal and oxidation stability
- Resistance to hot and cold water
- Resistance to weak alkaline and acidic solutions

QUALITY LEVEL

ISO 6743-9: L-X BFIB 2

DIN 51 502: KPF 2R-25

SCOPE OF APPLICATION

- Paper, wood, leather, textile, cement industry

APPLICATION

- Lubrication of sliding and roller bearings in conditions of increased load, high temperatures, low speeds and humid environment.
- Lubrication of loaded bearings in the paper industry exposed to high temperatures and the effect of steam.
- Lubrication of joints, guides operating in conditions of high temperature and load.
- Good lubrication effects can be achieved for bearings with maximum speeds $n = 800 \text{ min}^{-1}$ and for values $D \cdot n = 200\,000$.
- Temperature range of application: -25°C to +180°C short-term up to 220°C

TYPICAL CHARACTERISTICS

Characteristics	Units	FAMTEMP® 2MoS	METHODS
Colour		black	visual
Soap type/Thickener	-	Inorganic thickener	-
NLGI grade	-	2	DIN 51 818
Working penetration at 25°C , 60 cycles	mm/10	280	SRPS ISO 2137
Dropping point	°C	> 300	ASTM D 2265
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	%	2	BS 2000/121
Water washout, 1h/79,4 °C	%	0,5	ASTM D 1264
Average wear diameter	mm	0,5	ASTM D 2266
Weld load	N	6200	ASTM D 2596
Temperature of application	°C	-25 to +180 short-term up to 220	

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, tin drum of 180 kg and eurocartridge of 0,4 kg.

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

