

High temperature lubricating greases ISO L-XBFHB 0, 1, 2, 3 **Inorganic thickener based lubricating grease**

FAMTEMP®

FAMTEMP®: smooth structure high temperature lubricating greases. They are produced from highly viscous refined base oils and non-soap thickener: modified clay "Bentonite", high thermal stability.

ADVANTAGES

- Good thermal stability.
- Good oxidation stability.
- Good EP and antiwear properties.
- Resistance to hot and cold water.
- Resistance to weak alkaline and acidic solutions.

QUALITY LEVEL

ISO 6743-9: L-XBFHB 0, 1, 2, 3

DIN 51 502:KP 0R-25; KP 1R-25; KP 2R-25; KP 3R-25

SCOPE OF APPLICATION

- Paper industry, leather, wood, textile, non-metal industry

APPLICATION

- FAMTEMP® greases are primarily applied for the lubrication of equipment during processing of biomass into biofuel-pellets. They are also applied for the lubrication of medium loaded sliding and roller bearings for operating temperatures up to 180°C, and short-term up to 200°C. Good lubrication effects are achieved for the bearings with max revolution number of $n=800 \text{ min}^{-1}$ and for values $D \times n = 200\,000$.
- Grades 0 and 1 are suitable for central lubrication.
- Temperature range of application: -25°C to $+180^{\circ}\text{C}$

TYPICAL CHARACTERISTICS

Characteristics	Units	Values				Methods
		0	1	2	3	
FAMTEMP®	-	0	1	2	3	-
Colour	-	green-brown				visual
Soap type/Thickener	-	Inorganic thickener				-
NLGI grade		0	1	2	3	DIN 51 818
Working penetration at 25°C , 60 cycles	mm/10	365	315	280	240	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
Oil separation, 30h/100 °C	%	5	3	2		FTMS 791m. 321
Water washout, 1h/79,4 °C	%	5	2	1		ASTM D 1264
Average wear diameter	mm	0,5				ASTM D 2266
Weld load	N	2500				ASTM D 2596
Temperature of application	°C	-25 to +180				

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.

