

Synthetic high temperature lubricating grease for long-term lubrication

Inorganic thickener based lubricating grease ISO L-XBGIB 2

MAXTEMP® 250K

MAXTEMP® 250K: high temperature, smooth structure lubricating grease, produced on the basis of inorganic thickener and mixture of synthetic base oils. It has good thermal and oxidation stability and good protection against corrosion. It is resistant to hot and cold water.

ADVANTAGES

- Excellent protection against corrosion
- Resistance to hot and cold water
- It reduces friction and wear
- Wide temperature range of application

QUALITY LEVEL

ISO 6743-9: L-X BGIB 2
DIN 51 502:KEPF 2T-25

SCOPE OF APPLICATION

- Textile industry
- Baking industry
- Ceramic industry
- Other industries where high-temperature lubricating grease is required

APPLICATION

- Lubrication of loaded roller and sliding bearings in conditions of high operating temperatures.
 - It is applied for lubrication of textile machine bearings, plastics processing machines, bakery ovens, lacquers, baking ovens in the ceramic non-metal industry.
 - Good lubrication effects are achieved for bearings with a maximum speed of $n = 1500 \text{ min}^{-1}$ and for the value $D_{xn} = 350\,000$
 - Suitable for lubrication in the presence of humid, weak alkaline and weak acidic environment.
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- Temperature range of application: -25°C to $+220^{\circ}\text{C}$

TYPICAL CHARACTERISTICS

Characteristics	Units	MAXTEMP® 250K	Methods
Colour		black	visual
Soap type/Thickener	-	Inorganic thickener	-
NLGI grade	-	2	DIN 51 818
Penetration 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 220	SRPS ISO 3104
Oil separation, 168h/40 °C	%	3	BS 2000/121
Water resistance, 90 °C	rating	1	DIN 51807/1
Evaporation, 22h/100 °C	%	1	ASTM D 972
EMCOR test, 168h, dist. water	rating	0/0	DIN 51802
Weld load	N	> 3150	ASTM D 2596
Temperature of application	°C	-25 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 0,8 kg; 4 kg and 20 kg

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

