

## **Calcium lubricating grease for bearings**

### **ISO L-XBBHA 1, 2, 3, 4**

# **KLM<sup>®</sup> NK**

KLM<sup>®</sup> NK lubricating greases are made on the basis of calcium soap of higher fatty acids and highly refined mineral oil. Owing to the technological production process, smooth structure of lubricating greases and excellent mechanical stability are achieved.

#### **ADVANTAGES**

- Excellent mechanical and colloidal stability.
- Very high resistance to washout effect of water and moisture.
- Good adhesion and smooth structure.
- Good anti-corrosion properties.

#### **QUALITY LEVEL**

ISO 6743-9: L-X BBHA 1, 2, 3, 4

DIN 51 502: K 1E-25, K 2E-25, K 3E-25, K 4E-25

#### **SCOPE OF APPLICATION**

- Surface mining, steel mills
- Paper industry, wood processing
- Other industries with significant impact of moisture

#### **APPLICATION**

- KLM<sup>®</sup> NK lubricating greases are used for the lubrication of roller and sliding bearings, slideways, guides and other lubricating assembly blocks at moderate loads and moderate operating temperatures, especially in conditions of significant impact of water and moisture.
- KLM<sup>®</sup> NK 2 is suitable for the lubrication of Fe-Al ropes.

- Temperature range of application: -25 to +80°C

## TYPICAL CHARACTERISTICS

Characteristics	Units	Values				Methods
		1	2	3	4	
KLM® NK	-	1	2	3	4	
Colour	-	yellow-brown				visual
Soap type/Thickener		Calcium soap				
NLGI grade	-	1	2	3	4	DIN 51 818
Working penetration at 25°C, 60 cycles	mm/10	320	280	235	190	SRPS ISO 2137
Dropping point	°C	100	105	105	105	SRPS ISO 2176
Kinematic viscosity of base oil at 40°C	mm <sup>2</sup> /s	ca 100				SRPS ISO 3104
Oil separation, 168 h /40 °C	%	2	1	1	1	BS 2000/121
Water washout, 40 °C	rating	0				DIN 51807/1
EMCOR -test 168h/dist. water	rating	0/0				DIN 51802
Temperature interval of application	°C	-25 to + 80				

## 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 20 kg and tin drums of 180 kg.

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

