

LUBEKRAFFT® KL

Multipurpose lithium grease



Rev.: 1540-0615

BENEFITS

- High performance multipurpose grease
- Good mechanical stability up to peak of 150°C
- Excellent resistance to water and humid environment
- Easy to pump

DESCRIPTION

LUBEKRAFFT® KL is a grease based on lithium soap, highly refined mineral oil and antiwear, antioxidant and anticorrosion additives. It is free of lead, heavy metals and other products detrimental to the environment.

APPLICATIONS

LUBEKRAFFT® KL is used for general greasing in roller bearings, plain bearings, joints, guides, spindle and other mechanisms without high load, working in a wide range of temperature in Automotive and general Industry.

TYPICAL APPLICATIONS

- Medium-high speed bearings without high load
- Any type of applications requiring a multipurpose grease
- Centralized lubrication

SAFETY, HYGIENE and ENVIRONMENT

According the current legislation, the related Material Safety Data Sheet is available. It offers information about the product's hazards, precaution for its manipulation, first aid measures and existing environment data.

SHELF LIFE AND STORAGE

The minimum life of the product is estimated at 60 months after manufacturing if the original packing is kept unopened and stored at room temperature in a dry place, avoiding water, humidity and any ignition source.

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TECHNICAL CHARACTERISTICS

Operating temperature	K 50192	-30°C up to +130°C (peak of 150°C)
NLGI consistency	ASTM D 217	2
Colour	K 30093	Brown
Thickener	K 50149	Lithium soap
Base oil nature		Mineral
Base oil viscosity at 40°C	ASTM D 445	125 cSt
Penetration at 60 strokes	ASTM D 217	265 – 295 mm/10
Penetration variation after 100.000 strokes	ASTM D 217	< 35 mm/10
Drop point	ASTM D 566	>190°C
Dynamic corrosion protection (SKF-Emcor test)	DIN 51802	1
Water wash-out at 40°C, weight loss	ASTM D 1264	<5%
Oxidation resistance: 100 hours at Hoffmann pump at 99°C, pressure drop	ASTM D 942	< 35 kPa (5 psi)
Copper strip corrosion, 24h at 100°C	ASTM D 4048	1 max.
Oil separation, 168 h	IP 121	<4%
Heavy metals	K 50147	Free
Classification	DIN 51502	K2K-30

NOTE: these data are average values measured after different tests. Due to the large variety of working conditions, these data might not be taken as a base to define specification.

PACKAGING

150 g tube and 400 g cartridge

1, 2 and 5 kg cans

20, 50 and 200 Kg drum

For other packaging, please contact with our commercial department.