

TECHNICAL DATA SHEET

Multi-purpose grease I

Art. no. 0893 870 1

P. Qty.: 1 / 12

Universal lithium-saponified grease

- Squeeze-stable and oxidation-resistant
- Excellent sealing, dust- and dirt-repellent
- Good adhesive properties
- Free from silicone and resin
- In a practical „pull-off“ cartridge
- Wide range of applications



Weight of content	400 g
Container	Cartridge
Soap base	Lithium 12 hydroxystearate
Lubricant code	K2K-30
Min./max. temperature conditions	-30 to 130 °C
Colour	Yellow
NLGI grade/conditions	2/with DIN 51818
Base oil viscosity, kinematic/conditions	110 mm ² /s/at 40 °C
Min. dripping point/conditions	180 °C/in accordance with DIN ISO 2176
Min./max. worked penetration/conditions	265 x 0.1 mm-295 x 0.1 mm/in accordance with DIN ISO 2137
Corrosion protection period/category	Corrosion category 0
VKA welding load	1800 N
Shelf life from production	60 Month
Oil basis	Mineral oil
Lubricant system	Grease
Smell/fragrance	Characteristic
Density	1 g/cm ³
Density conditions	at 20 °C
Conditions for viscosity of oil basis	at 40 °C
Dripping point conditions	in accordance with DIN ISO 2176
Min. temperature conditions	-30 °C
Max. temperature conditions	130 °C
Max. short-term temperature resistance	130 °C
Worked penetration conditions	in accordance with DIN ISO 2137
Conditions for NLGI grade	with DIN 51818
Corrosion protection period conditions	in accordance with DIN 51802 SKF Emcor test

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Conditions for VKA welding load	in accordance with DIN 51350-4 VKA test (Institute for Internal Combustion Engines)
Resin-free	Yes
Silicone-free	Yes
Acid-free	Yes
AOX-free	Yes
Free from heavy metals	Yes
Chloric	No

Application area

Lithium-saponified, mineral oil-based multi-purpose grease is particularly suitable for lubricating sliding and rolling bearings subject to normal loads.

Application information

Multi-purpose grease I can be used for lubricating journal and roller bearings subject to normal loads, low to high speeds, low and high temperatures; it can also be used as universal grease for general machine lubrication and for difficult lubricating points. It ensures good resistance/sealing even in wet or dusty environments and exhibits good pumpability even in long lubrication pipes. It can also be used for vehicle and machine elements subject to light loads, such as shafts, spindles, electric motor bearings, ball bearings and roller bearings, chassis etc.

Notice

Greases are supplied in plastic cartridges. The plastic cartridges improve storage (they prevent the grease from oozing out at high temperature). Store cartridges upright in a cool, dry place! The operating instructions of the vehicle, machinery and assembly manufacturers must be observed! For further information, refer to the technical data sheet.

The usage instructions are recommendations based on the tests we have conducted and based on our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and carry out further development.