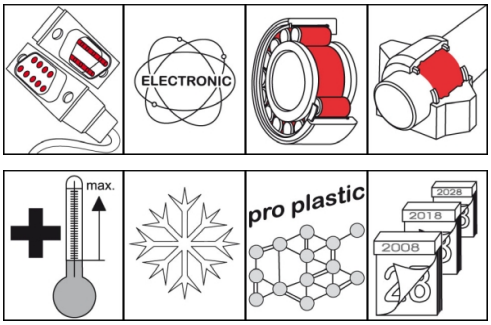
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 464

Roller Bearing Grease, Electrically conductive



Description

OKS 464 is a special grease for long-term lubrication of rolling and friction bearings for avoiding electrostatic charging.

Applications

- Special grease for the long-term lubrication of ball and plain bearings where electrical charge is possible, e.g. in electric engines, foil- stretching and foil-printing machines, etc.

Branches

- Glass and foundry industry
- Rubber and plastic processing
- Paper and packaging industry
- Chemical industry
- Iron and steel industry
- Rail vehicle technology
- Logistics
- Plant and machine (tool) engineering
- Shipbuilding and marine technology
- Municipal services

Advantages and benefits

- Long-term lubrication grease with a wide temperature range and good corrosion protection
- The special lubricating concept makes sure that electrostatic charges in roller bearing applications are destaticized through the grease, so that local discharges are avoided
- Proven especially for the lubrication of roller bearings below 1 ampere

Application tips

For optimum effect clean thoroughly the lubrication point e.g. with OKS 2610/2611 Universal Cleaner. Before initial filling remove corrosion protection agent. Fill bearing so that all functional areas receive grease for sure. Normal bearings are filled up to 1/3 of the free interior housing space. Slow-running bearings (DN value < 50,000) and their housings have to be completely filled. Instructions of the bearing and machine manufacturer have to be observed. Relubrication with a grease gun on to the grease nipples or with an automatic lubrication system. Relubrication intervals and amount to be defined acc. to the service conditions. If the removal of the old grease is not possible the amount of grease has to be limited to avoid excess lubrication of the bearing. At longer relubrication intervals a complete exchange of the old grease is recommended. Do only mix with suitable lubricants.

Packaging

- 400 ml Cartridge
- 1 kg Can

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				polyalphaolefine
thickener				lithium soap
solid lubricants				carbon
Application related technical data				
marking	DIN 51 502	DIN 51 825		KHC2N-40
viscosity (base oil)	DIN 51 562-1	at 40°C	mm²/s	150
viscosity (base oil)	DIN 51 562-1	at 100°C	mm²/s	19
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
worked penetration	DIN ISO 2137		0.1 mm	265-295
oil separation	DIN 51 817	7d/40°C	percent in weight	< 4
lower operating temperature	DIN 51 805	≤ 1,400 hPa	°C	-40
upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), > 100h	°C	150
colour				black
density	DIN EN ISO 3838	at 20°C	g/cm³	0.89
water resistance	DIN 51 807-1	3h/90°C	Degree	0-90
DN value (dm x n)			mm/min	1,000,000
SKF-EMCOR	DIN 51 802	7 days, distilled water	corr. degree	< 1
Product specific technical data				
specific resistivity	DIN EN 62631-3-1	electrode distance 1cm	Ω cm	≤ 10,000
Properties and approvals				
UFI				87FF-V0C3-Y00M-PA3C

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