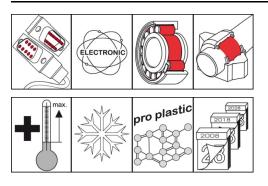




OKS 464 Roller Bearing Grease, Electrically conductive



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

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

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











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Technical data

| | Standard | Conditions | Unit | Value |
|-------------------------------|------------------|---------------------------|----------------------|------------------|
| Main components | | | • | |
| base oil | | | | polyalphaolefine |
| thickener | | | | lithium soap |
| solid lubricants | | | | carbon |
| Application related technica | al data | | | |
| marking | DIN 51 502 | DIN 51 825 | | KHC2N-40 |
| viscosity (at 40°C) | DIN 51 562-1 | base oil | mm²/s | 150 |
| viscosity at (100°C) | DIN 51 562-1 | base oil | 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 (at 20°C) | DIN EN ISO 3838 | | 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 da | ata | | | |
| specific resistivity | DIN EN 62631-3-1 | electrode distance 1cm | Ω cm | ≤ 10,000 |
| Properties and approvals | | | | |
| UFI | | | | 1 |

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