

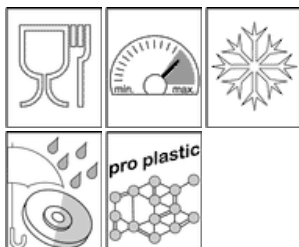
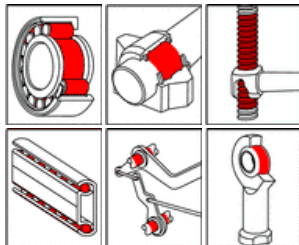


OKS 273 - Product Information

Fields of Application:

Lubrication of plastic gears at high or low temperatures and bearings with low backlash moments. For the lubrication of plastic and rubber parts with embrittlement protection and good sliding behaviour especially for plastic/ metal combinations.

OKS 273 Grease Paste for Plastic Gears



Advantages and Benefits:

Adhesive and corrosion protecting long-time lubricant for lubrication points in a wide temperature range at medium and high loads. Excellent plastic compatibility. Water resistant.

Application:

For best results clean the lubrication point with OKS 2610/ OKS 2611 Universal Cleaner. Remove the corrosion protection media from ahead of the initial filling. Fill the bearings in a way, that all functioning surfaces receive lubricant for sure. Regular bearings fill up to 1/3 of the free housing space. Slow moving bearings (DN-value < 50,000) and their housings have to be filled completely. Observe the notes of the bearing and machine manufacturers. Relubrication with a grease gun or through lubricating nipples or automated lubrication systems. Relubrication intervals and amount have to be stated according to the service conditions. If a removal of the old lubricant is not possible, limit the amount of lubricant to avoid an overlubrication of the bearing. At longer relubrication intervals a complete exchange of the lubricant should be strived. Only mix with appropriate lubricants. For questions please contact our Technical Department.

Additional Information:

Packaging (Article number):
- by request

Version:
E-06.1/07

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OKS 273 Grease Paste for Plastic Gears

Technical Data

| | Norm | Conditions | Measurement | Value |
|-----------------------------|-----------------|--------------|-------------|------------------------|
| Classification | DIN 51 502 | DIN 51 825 | | KFHC2N-50 |
| Base Oil | | | | |
| Type | | | | Polyalphaolefine |
| Viscosity | DIN 51 562-1 | 40°C | mm²/s | 170 |
| Pour point | DIN ISO 3016 | 3°C Step | °C | -45 |
| Flash point | DIN ISO 2592 | > 79 °C | °C | > 240 |
| Thickener | | | | |
| Type | | | | Lithiumhydroxystearat |
| Consistency | DIN 51 818 | DIN ISO 2137 | NLGI- Class | 1 |
| Unworked Penetration | DIN ISO 2137 | | 0,1 mm | 310 - 340 |
| Drop point | DIN ISO 2176 | | °C | appr. 200 |
| Additives | | | | |
| Solid lubricants, type | | | | white solid lubricants |
| Application Data | | | | |
| Density | DIN EN ISO 3838 | +20°C | g/cm³ | 0,9 |
| Colour | | | | light colored |
| Service Temperatures | | | | |
| Minimum service temperature | | | °C | -40 |
| Maximum service temperature | | | °C | 140 |
| DN- Value | | | mm min | 350.000 |
| Water resistance | DIN 51 807-1 | +90°C | Grade 1-3 | 1 - 90 |

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