



Castrol Spherol SLC 2

Low Temperature, High Speed Grease

Description

Castrol Spherol™ SLC 2 is a lithium/calcium soap lubricating grease, based on synthetic oil (PAO). This product is for the lubrication of rolling and slide bearings, in particular for small gears with a high rpm or low propulsion.

Application

Spherol SLC 2 is recommended especially for structural parts consisting of metal/plastic and/or plastic/plastic.

Advantages

- Outstanding cold and ageing resistance
- Non-resin forming
- Odour and/or taste neutral
- Minimizes friction and wear
- Prevents stickslip movements
- Long-term lubricating grease with a minimal inner friction and low starting resistance

Typical Characteristics

| Name | Method | Units | Spheerol SLC 2 |
|---|----------------------|--------------------|----------------------|
| Colour | Visual | - | grey/white |
| Thickener type | - | - | Lithium/Calcium soap |
| Dropping Point | ISO 2176 / ASTM D566 | °C/°F | >190/>374 |
| Worked Penetration (60 strokes @ 25°C / 77°F) | ISO 2137 / ASTM D217 | 0.1 mm | 265 - 295 |
| Service temperature range? | - | °C | -50 / +130 |
| DIN Classification | DIN 51502 | - | KHC 2 K-50 |
| Copper Corrosion (24 hrs,100°C / 212°F) | ASTM D4048 | Rating | 1 - 100 |
| Water Resistance | DIN 51807-1 | Rating | 1 - 90 |
| FE-9 Bearing Life test - A/1500/6000-130 | DIN 51821-2 | Pass | Pass |
| Base oil | - | - | Synthetic oil |
| Base Oil Viscosity @ 40°C / 104°F | ISO 3104 / ASTM D445 | mm ² /s | 31 |
| Base Oil Viscosity @ 100°C / 212°F | ISO 3104 / ASTM D445 | mm ² /s | 6 |

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