

Technical Data Sheet

Divinol Synthogrease 1 FP

Product description

- synthetic low-temperature grease
- on the basis of special soap and poly-alpha-olefin
- very good water resistance
- good wear and corrosion protection characteristics
- suitable for long-term lubrication
- classification K 1 K-60 as per DIN 51 825
- classification ISO-L-XECHA 1 as per ISO 6743-9

Characteristics

| | |
|---|-----------------------|
| Colour / Appearance: | beige |
| Thickening agent: | lithium-/calcium soap |
| Operating temperature range: | -60°C - +120°C |
| NLGI-class / DIN 51 818: | 1 |
| Base oil viscosity/40°C / ASTM D 7042: | 20 mm ² /s |
| Dropping point / DIN ISO 2176: | > 170 °C |
| Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137: | 320 |
| Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137: | 360 |
| Water resistance / DIN 51807-1: | Evaluation level 0 |
| Oil separation 50h/60°C / DIN 51 817: | 2,4 % |
| Corrosion protection behaviour (EMCOR-test) / DIN 51 802: | 0/0 |
| Corrosion effect on copper 24h/100°C / DIN 51 811: | Corrosion degree 1 |
| VKA welding load / DIN 51 350-4: | 1800 N |

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Application

Divinol Synthogrease 1 FP is synthetic lubrication grease with excellent low-temperature properties for lubricating slide and roller bearings.

It is suitable for long-term lubrication of e.g. electrical components and small gears, especially at high rotational speeds.

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