

Technical Data Sheet

Divinol Fett Garant 2000 EP Plus

Product description

- Lithium soap lubricating grease
- water resistant
- high mechanical load capacity
- classification KP 2 K-30 as per DIN 51 825
- classification ISO-L-XCCHB 2 as per ISO/DIS 6743-9

Manufacturer approval

MB-Approval 267.0

Characteristics

| | |
|---|------------------------|
| Colour / Appearance: | brown, smooth |
| Thickening agent: | Lithium soap |
| Operating temperature range: | -30°C - +130°C |
| NLGI-class / DIN 51 818: | 2 |
| Base oil viscosity/40°C / DIN 51 562: | 220 mm ² /s |
| Water content / DIN 51 777/T1: | < 0,1 % |
| Dropping point / DIN ISO 2176: | > 180 °C |
| Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137: | 280 |
| Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137: | 300 |
| Water resistance / DIN 51 807/T1: | Evaluation level 1 |
| Flow pressure at -25°C / DIN 51 805: | 700 hPa |
| Corrosion protection behaviour (EMCOR-test) / DIN 51 802: | 0/0 |
| Oxidation resistance 100°C/100h / DIN 51 808: | 0.3 bar |
| VKA welding load / DIN 51 350/T4: | 2600 N |

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Timken-test, OK.load / ASTM D-2509:

40 lbs

Application

Divinol Fett Garant 2000 EP Plus is used for the lubrication of slide and roller bearings, even for those with a quite high part of sliding friction, e. g. tapered or spherical roller bearings where impact loads and oscillations occur.

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