



TECHNICAL DATA SHEET

Divinol Fett EP 1

Multipurpose grease of NLGI class 1 with good EP properties for a wide range of applications

PRODUCT DESCRIPTION

- + Lithium soap lubricating grease
- + water resistant
- + high mechanical load capacity
- + classification KP 1 K-30 as per DIN 51825

CHARACTERISTICS

Colour / Appearance	brown, smooth
Thickening agent	Lithium soap
Operating temperature range	-30°C - +120°C
NLGI-class / DIN 51818	1
Base oil viscosity 40°C / ASTM D 7042	220 mm ² /s
Dropping point / DIN ISO 22286	> 180 °C
Worked penetration 60 double strokes / DIN ISO 2137	310 - 340 0,1 mm
Worked penetration ΔPW 60 000 – 60 / DIN ISO 2137	< 30 0,1 mm
Water resistance 90°C / DIN 51807-1	Evaluation level 1

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Flow pressure at -35°C / DIN 51805-2	1350 hPa
Oil separation 18h / 40 °C / DIN 51817	3,3 %
Corrosion protection behaviour (EMCOR-test) / DIN 51802	0/0
VKA welding load / DIN 51350-4	2600 N

APPLICATION

Divinol Fett EP 1 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.

Benefit from our service, we will gladly advise you and develop individual application recommendations for your process. Please also note the material safety data sheet.

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