



## TECHNICAL DATA SHEET

# Divinol Fett LC 00 EP

### PRODUCT DESCRIPTION

- + semi-fluid grease based on mixed soap
- + mechanically high stressable
- + high protection from wear or corrosion
- + very high stability against water wash-out
- + high working stability
- + oxidation resistant
- + classification GPF 00 K-30 as per DIN 51 826
- + classification ISO-L-XCCHB 00 as per ISO 6743-9

### CHARACTERISTICS

Colour / Appearance	brown
Thickening agent	Lithium-/ calcium soap
Operating temperature range	-35°C - +120°C
NLGI-class / DIN 51 818	00
Base oil viscosity/40°C / ASTM D 7042	170 mm <sup>2</sup> /s
Dropping point / DIN ISO 2176	> 170 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137	420
Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137	430

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Water resistance at 90°C / DIN 51807-1	Evaluation level 0
Flow pressure at -35°C / DIN 51 805-2	625 hPa
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	2800 N

#### APPLICATION

**Divinol Fett LC 00 EP** is a high grade and semi-fluid grease on the basis of a soap mixture with especially selected base oils. It combines the advantages of lithium soap and calcium soap greases and is characterized by high working stability and extra-ordinary stability against water wash-out at the same time. **Divinol Fett LC 00 EP** is mainly used for gear lubrication of mechanically stressed gear shifts. The soft consistency and the advantageous deep temperature behaviour of **Divinol Fett LC 00 EP** enables easy pumpability and ensures use in centralised lubrication systems. Due of the use of **Divinol Fett LC 00 EP** lifetime of devices is prolonged and production efficiency is increased.

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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