

Technical Data Sheet

Divinol Fett L 800

Product description

- work stable lithium soap grease
- with excellent wear protection characteristics
- high pressure absorption capacity
- resistant against water and oxidation
- classification GPF 000 K-20 as per DIN 51 826
- classification ISO-L-XBCHB 000 as per ISO 6743-9

Characteristics

Colour / Appearance:	yellowish
Thickening agent:	Lithium soap
Operating temperature range:	-20°C - +120°C
NLGI-class / DIN 51 818:	000
Base oil viscosity/40°C / ASTM D 7042:	750 mm ² /s
Dropping point / DIN ISO 2176:	> 160 °C
Unworked penetration/0.1 mm / DIN ISO 2137:	450
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137:	460
Corrosion effect on copper 24h/100°C / DIN 51 811:	Corrosion degree 1
VKA welding load / DIN 51 350-4:	4400 N

Application

Divinol Fett L 800 is used for bearing lubrication of swivel rotary tables in machining centres. Stick-slip-effects are reliably avoided due to high base oil viscosity. **Divinol Fett L 800** is also suitable for lubrication of mechanically high charged gears.

Compared with greases of NLGI class 00 **Divinol Fett L 800** offers a better backflow behaviour due to its low consistency.

26490

08/2018-26490-7

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