

# Technical Data Sheet

## Divinol Fett L 283

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### Product description

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

### Approval

MAN 283 Li-P 2

### Characteristics

Colour / Appearance:	brownish, smooth
Thickening agent:	Lithium Soap
Operating temperature range:	-35°C - +130°C
NLGI-class / DIN 51 818:	2
Base oil viscosity/40°C / ASTM D 7042:	100 mm <sup>2</sup> /s
Water content / DIN 51 777/T1:	< 0,1 %
Dropping point / DIN ISO 2176:	190 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137:	280
Worked penetration/0.1mm, 10 000 double strokes / DIN ISO 2137:	295
Water resistance / DIN 51807-1:	Evaluation level 1
Flow pressure at -35°C / DIN 51 805:	1150 hPa
Oil separation / DIN 51 817:	5,0 %
Corrosion protection behaviour (EMCOR-test) / DIN 51 802:	0/0
Corrosion effect on copper 120°C / DIN 51 811:	Corrosion degree 1

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1 / 2

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Oxidation resistance 100°C/100h / DIN 51 808:	0.2 bar
VKA welding load / DIN 51 350/T4:	2600 N

### Application

**Divinol Fett L 283** can be used for the lubrication of slide and roller bearings, even for those with quite high sliding friction in motor vehicles, construction-, agricultural- and industrial machines of all kinds in a wide service temperature range. The product is easily pumpable in central lubrication systems with progressive distributors.

21120

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2 / 2