

Technical Data Sheet

Divinol Fett LM 2

Product description

- Lithium soap lubricating grease
- high mechanical load capacity
- water resistant
- contains molybdenum disulfide (MoS₂)
- classification KPF 2 K-30 as per DIN 51 825
- classification ISO-L-XCCHB 2 as per ISO/DIS 6743-9

Characteristics

Colour / Appearance:	black
Thickening agent:	Lithium soap
Operating temperature range:	-30°C - +130°C
NLGI-class / DIN 51 818:	2
Base oil viscosity/40°C / ASTM D 7042:	100 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 51807-1:	Evaluation level 1
Flow pressure at -30°C / DIN 51 805:	850 hPa
Oil separation / DIN 51 817:	4,0 %
Corrosion protection behaviour (EMCOR-test) / DIN 51 802:	0/0
Oxidation resistance 100°C/100h / DIN 51 808:	0.2 bar
VKA welding load / DIN 51 350/T4:	3400 N

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1 / 2

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Application

Divinol Fett LM 2 is suitable for the lubrication of slide and roller bearings, also for those with comparatively high sliding friction. Application areas are e.g. all kinds of motor vehicles, construction, agriculture and industrial machines in a wide operating temperature range. Supplementary solid lubricant components improve the pressure absorption capacity and give emergency running properties. Therefore, **Divinol Fett LM 2** is also suitable in case of impact load, vibrations and oscillating movements.

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2 / 2