



TECHNICAL DATA SHEET

Divinol Fett LM 2

Multipurpose lithium soap grease with molybdenum disulfide

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 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
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

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Flow pressure at -30°C / DIN 51 805-2	850 hPa
Oil separation, normal test / DIN 51 817	4,0 %
Corrosion protection behaviour (EMCOR-test) / DIN 51 802	0/0
VKA welding load / DIN 51 350-4	2600 N

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.

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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