



## TECHNICAL DATA SHEET

# Divinol Mehrzweckfett Graphitiert

Multi-purpose grease based on lithium soap containing graphite for a wide range of applications

### PRODUCT DESCRIPTION

- + Lithium soap lubricating grease
- + with solid lubrication components
- + high mechanical load capacity
- + water resistant
- + 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 <sup>2</sup> /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	295
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 168 h / DIN 51 817	4,0 %
Corrosion protection behaviour (EMCOR-test) / DIN 51 802	0/0
Corrosion effect on copper 24h/100°C / DIN 51 811	Corrosion degree 2
VKA welding load / DIN 51 350-4	2400 N

#### APPLICATION

**Divinol Mehrzweckfett Graphitiert** is suitable for the lubrication of slide and roller bearings, also for those with comparatively high sliding friction in all kinds of motor vehicles, construction-, agricultural- and industrial machines. **Divinol Mehrzweckfett Graphitiert** is especially suitable for oscillating movements and impact loads. It is easily pumpable even through long lubrication lines.

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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