

Technical Data Sheet

Divinol Fett L 0

Product description

- Lithium soap lubricating grease
- water resistant
- high mechanical load capacity
- work stable
- oxidation resistant
- offers good wear protection
- classification GP 0 K-40 as per DIN 51 826
- classification ISO-L-XDCHB 0 as per ISO/DIS 6743-9

Characteristics

Colour / Appearance:	brownish, smooth
Thickening agent:	Lithium soap
Operating temperature range:	-40°C - +120°C
NLGI-class / DIN 51 818:	0
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:	> 170 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137:	370
Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137:	400
Water resistance / DIN 51807-1:	Evaluation level 1
Flow pressure at -30°C / DIN 51 805:	675 hPa
Oil separation 18h/40°C / DIN 51 817:	3,0 %
Corrosion protection behaviour (EMCOR-test) / DIN 51 802:	0/0
Corrosion effect on copper 24h/100°C / DIN 51 811:	Corrosion degree 2
Oxidation resistance 100°C/100h / DIN 51 808:	0.25 bar

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VKA welding load / DIN 51 350/T4:

2600 N

Application

Divinol Fett L 0 is suitable for the lubrication of gears. Due to its soft consistency, the product is suitable for automatic central lubrication systems and long lubrication lines.

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