Technical Data Sheet

Divinol Mehrzweckfett Graphitiert

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/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 mm²/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:	295
Water resistance / DIN 51807-1:	Evaluation level 1
Flow pressure at -30°C / DIN 51 805:	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
Oxidation resistance 100°C/100h / DIN 51 808:	0.2 bar
VKA welding load / DIN 51 350/T4:	2400 N

Zeller+Gmelin
Mineralöle · Druckfarben · Chemie

ZG Division: Industrial Lubricants
Zeller+Gmelin GmbH & Co. KG
Schlossstr. 20 D73054 Eislingen/Fils - Germany
Tel. +49 7161 802-0 - Fax +49 7161 802-290
www.zeller-gmelin.de - info@zeller-gmelin.de

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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.

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