

Technical Data Sheet

Divinol Mehrzweckfett W

Product description

- multi-purpose lithium soap grease
- with white solid lubricant
- work stable
- prevents from corrosion
- water resistant
- good wear protection properties
- based on mineral oil
- classification KF 2 K-30 as per DIN 51 825
- classification ISO-L-XCCHA 2 as per ISO/DIS 6743-9

Characteristics

Colour / Appearance:	white, smooth
Thickening agent:	Lithium soap
Operating temperature range:	-30°C - +120°C
NLGI-class / DIN 51 818:	2
Base oil viscosity/40°C / ASTM D 7042:	110 mm ² /s
Water content / DIN 51 777/T1:	< 0,1 %
Dropping point / DIN ISO 2176:	190 °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:	800 hPa
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:	1600 N

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04/2017-22270-4

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Application

Divinol Mehrzweckfett W is a multi-purpose lithium soap grease with white solid lubricant for roller and slide bearings. It is used e.g. in the materials handling technology, in the packaging, food and pharmaceutical industry - without contact to the product, in the automotive technology for the lubrication of e.g. friction brakes in doors, electric window lifters and assembly aids as well as for the fastening technology. **Divinol Mehrzweckfett W** is also used for the lubrication of plastic gear wheels in the power transmission engineering, e. g. paper shredders or for the assembling of chuck screws/clamping-spindle lubrication. The product is also used for the separating lubrication against friction corrosion and as sealing or parting grease for seal assembly. **Divinol Mehrzweckfett W** is also used as slide grease for plastic/metal guides.

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