

Technical Data Sheet

Divinol Synthogrease 1

Product description

- synthetic low-temperature grease
- on the basis of special soap and poly-alpha-olefin
- very good water resistance
- good wear and corrosion protection characteristics
- suitable for long-term lubrication
- classification K 1 K-60 as per DIN 51 825
- classification ISO-L-XECHA 1 as per ISO 6743-9

Characteristics

Colour / Appearance:	beige
Thickening agent:	Lithium-/calcium soap
Operating temperature range:	-60°C - +120°C
NLGI-class / DIN 51 818:	1
Base oil viscosity/40°C / ASTM D 7042:	20 mm ² /s
Dropping point / DIN ISO 2176:	> 170 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137:	320
Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137:	360
Water resistance / DIN 51807-1:	Evaluation level 0
Oil separation, short-time test / DIN 51 817:	2,4 %
Corrosion protection behaviour (EMCOR-test) / DIN 51 802:	0/0
Corrosion effect on copper 24h/100°C / DIN 51 811:	Corrosion degree 1
VKA welding load / DIN 51 350-4:	1800 N

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Application

Divinol Synthogrease 1 is synthetic lubrication grease with excellent low-temperature properties for lubricating slide and roller bearings.

It is suitable for long-term lubrication of e.g. electrical components and small gears, especially at high rotational speeds.

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