

Technical Data Sheet

Divinol Lithogrease 1500

Product description

- high grade lithium complex soap grease
- work stable
- water resistant
- corrosion- and oxidation resistant
- offers a very good wear protection
- classification K 1 N-20 as per DIN 51 825
- classification ISO-L-XBDHA 1 as per ISO/DIS 6743-9

Characteristics

Colour / Appearance:	brownish
Thickening agent:	Lithium complex soap
Operating temperature range:	-20°C - +150°C
NLGI-class / DIN 51 818:	1
Base oil viscosity/40°C / DIN 51 562:	500 mm ² /s
Water content / DIN 51 777/T1:	< 0,2 %
Dropping point / DIN ISO 2176:	> 220 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137:	320
Water resistance / DIN 51 807/T1:	Evaluation level 1
Flow pressure at -20°C / DIN 51 805:	850 hPa
Oil separation / DIN 51 817:	4,5 %
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:	2400 N

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Application

Divinol Lithogrease 1500 is suitable for lubrication of roller and slide bearings with a high mechanical and thermal load. The product is used e.g. in rolling mills for lubrication of roller bearings as well as for lubrication of lifting spindle gears. Due to the composition of **Divinol Lithogrease 1500** it is suitable for use in high temperature ranges compared to other conventional lithium soap greases. The product allows longer lifetimes, thus longer post lubrication intervals which results in lower consumption of grease.

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