

Technical Data Sheet

Divinol Lithogrease 00

Product description

- high grade lithium complex soap grease
- semi-synthetic
- work stable
- water resistant
- corrosion- and oxidation resistant
- excellent wear protection properties
- high pressure absorption capacity
- good pumpability
- classification GP 00 N-30 as per DIN 51 826
- classification ISO-L-XCDHB 00 as per ISO/DIS 6743-9

Characteristics

Colour / Appearance:	yellow
Thickening agent:	Lithium complex soap
Operating temperature range:	-30°C - +150°C
NLGI-class / DIN 51 818:	00
Base oil viscosity/40°C / DIN 51 562:	200 mm ² /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:	415
Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137:	430
Water resistance / DIN 51 807/T1:	Evaluation level 1
Flow pressure / DIN 51 805:	at -25°C 620 hPa
Oil separation 18h/40°C / DIN 51 817:	2,5 %
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:	2800 N

Application

Divinol Lithogrease 00 is suitable for the lubrication of gears with a high mechanical and thermal load, e.g. circular saws, angle grinders etc. Furthermore, **Divinol Lithogrease 00** can also be very well used for the roll lubrication of linear guides of machine tools used e.g. by lubrication systems of Vogel or Baier+Köppel (Bekamax). Corresponding approvals, also of leading machine-tool producers, are available. **Divinol Lithogrease 00** guarantees continuous uniform lubrication and shows high sealing effect in the guides. Emulsions will not be charged with slide-way oil. Another field of application of **Divinol Lithogrease 00** is the lubrication of tool guides of stamping machines for car

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bodies, e.g. Schuler, Müller-Weingarten or Erfurt.

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