

Technical Data Sheet

Divinol Lithogrease 000

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
- classification GP 000 N-30 as per DIN 51 826
- classification ISO-L-XCDHB 000 as per ISO/DIS 6743-9

Characteristics

Colour / Appearance:	yellow
Thickening agent:	Lithium complex soap
Operating temperature range:	-30°C - +140°C
NLGI-class / DIN 51 818:	000
Base oil viscosity/40°C / DIN 51 562:	380 mm ² /s
Water content / DIN 51 777/T1:	< 0,1 %
Dropping point / DIN ISO 2176:	> 160 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137:	460
Worked penetration/0.1mm, 5 000 double strokes / DIN ISO 2137:	465
Flow pressure / DIN 51 805:	at -20°C 300 hPa
Oil separation 18h/40°C / DIN 51 817:	5 %
Corrosion effect on copper 24h/100°C / DIN 51 811:	Corrosion degree 1
Oxidation resistance 100°C/100h / DIN 51 808:	0.2 bar
VKA welding load / DIN 51 350/T4:	2800 N

Application

Divinol Lithogrease 000 is used for the lubrication of rollers in linear guide systems of machine tools. It can also be used for the lubrication of gears with a high mechanical load. The product is easily pumpable in central lubrication systems. The approval of the company Willy Vogel AG, Berlin is available. Due to its low consistence, **Divinol Lithogrease 000** shows a clearly better flow behaviour as a comparable grease of NLGI-class 00.

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