



TECHNICAL DATA SHEET

Divinol Lithogrease 000

Special lithium complex soap grease for lubrication of machine tools

PRODUCT DESCRIPTION

- + high grade lithium complex soap grease
- + 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 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 / ASTM D 7042	380 mm ² /s
Dropping point / DIN ISO 2176	> 160 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137	460
Worked penetration/0.1mm, 5000 double strokes / DIN ISO 2137	465

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Flow pressure at -20°C / DIN 51 805-2	300 hPa
Oil separation 18h/40°C / DIN 51 817	5 %
Corrosion effect on copper 24h/100°C / DIN 51 811	Corrosion degree 1
VKA welding load / DIN 51 350-4	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.

Benefit from our service, we will gladly advise you and develop individual application recommendations for your process. Please also note the material safety data sheet.

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