



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 51826

CHARACTERISTICS

Colour / Appearance	yellow
Thickening agent	Lithium complex soap
Operating temperature range	-30°C - +140°C
NLGI-class / DIN 51818	000
Base oil viscosity 40°C / ASTM D 7042	380 mm ² /s
Dropping point / DIN ISO 22286	> 160 °C
Worked penetration 60 double strokes / DIN ISO 2137	445 - 475 0,1mm
Worked penetration ΔPW 5 000 – 60 / DIN ISO 2137	< 15 0,1 mm

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The information contained in this document (the "Product Specification") is based on our present knowledge. They do not exempt the processor or user from carrying out its own tests. Properties of the product going beyond the above-mentioned specifications and/or suitability for a specific purpose cannot be derived from the product specification and are not owed. Any existing legal provisions and regulations concerning the handling and use of the products must be observed by the processor or user of our products. We expressly point out that the owed quality of our product is measured exclusively on the basis of the properties warranted in this document; the fulfillment of additional legal objective quality requirements is not owed. By ordering our product without objection, being aware of this product specification, you agree to it.



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Flow pressure at -20°C / DIN 51805-2	300 hPa
Flow pressure ≤ 200 hPa / DIN 51805-2	-15 °C
Oil separation 18h / 40 °C / DIN 51817	5 %
Corrosion effect on copper 24h/100°C / DIN 51811	Corrosion degree 1
VKA welding load / DIN 51350-4	2800 N
FZG-Test A/2,8/50 – Damage loading step / DIN ISO 14635-3	> 12
FZG-Test A/2,8/50 – Specific weight loss / DIN ISO 14635-3	0.1 mg/kWh

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. Approval from SKF Lubrication Systems (formerly Willy Vogel AG) 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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