

DIVINOL LITHOGREASE 000

Description :

- high-grade lithium complex soap grease
- partly 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 51 502
- classification ISO-L-XCDHB 000 as per ISO/DIS 6743-9

Characteristics :

1. General

Thickening agent		Lithium soap	
Operating temperature range	°C	-30 up to +140	
NLGI-class		000	DIN 51 818

2. Composition

Colour/Appearance		yellow	
Viscosity of the basis oil/40°C	mm ² /s	380	DIN 51 562
Water content	%	< 0,1	DIN 51 777/T1

3. Properties

Drop point	°C	> 160	DIN ISO 2176
Worked penetration/0,1mm			DIN ISO 2137
60 double strokes		460	
5000 double strokes		465	

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Flow pressure at -20°C	hPa	300	DIN 51 805
Oil separation 18h/40°C	%	5	DIN 51 817
Corrosion effect on copper (100°C)	corrosion degree	1	DIN 51 811
Oxidation stability 100°C/100h	bar	0,2	DIN 51 808
VKA weld load	N	2 800	DIN 51 350/T4

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 can be easily pumped 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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