



TECHNICAL DATA SHEET

Divinol Lithogrease G 421

Semi-synthetic lithium complex grease with approval for usage in military applications

PRODUCT DESCRIPTION

- + high quality, semi-synthetic lithium complex soap grease
- + work stable
- + water resistant
- + corrosion and oxidation resistant
- + offers a very good wear protection
- + shows goods pressure absorption capacity
- + classification KP 2 P-30 as per DIN 51825

CHARACTERISTICS

Colour / Appearance	yellow
Thickening agent	Lithium complex soap
Operating temperature range	-35°C - +160°C
NLGI-class / DIN 51818	2
Base oil viscosity 40°C / ASTM D 7042	130 mm ² /s
Dropping point / DIN ISO 22286	> 220 °C
Worked penetration 60 double strokes / DIN ISO 2137	265 - 295 0,1 mm
Worked penetration ΔPW 60 000 – 60 / DIN ISO 2137	< 30 0,1 mm

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Water resistance 90°C / DIN 51807-1	Evaluation level 1
Flow pressure at -30°C / DIN 51805-2	600 hPa
Oil separation, 168h / 40 °C / DIN 51817	ca. 2,5 %
Corrosion protection behaviour (EMCOR-test) / DIN 51802	0/0
VKA welding load / DIN 51350-4	4000 N

APPROVAL

Divinol Lithogrease G 421 complies to the requirement TL 9150-0075/2 of the German Army and is approved according to the NATO-Code G 421.

APPLICATION

Divinol Lithogrease G 421 is especially used for the lubrication of mechanically and thermally extreme-loaded roller and slide bearings, e. g. wheel hubs and release bearings of couplings.

Due to its content of synthesis oil **Divinol Lithogrease G 421** offers longer service lives compared to mineral oil based greases. Thus, the additional lubrication intervals can be prolonged which in consequence reduces the consumption of grease.

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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