Technical Data Sheet

Divinol Lithogrease G 421

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 51 825
- classification ISO-L-XCEHB 2 as per ISO/DIS 6743-9

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.

Characteristics

Colour / Appearance:	yellow
Thickening agent:	Lithium complex soap
Operating temperature range:	-35°C - +160°C
NLGI-class / DIN 51 818:	2
Base oil viscosity/40°C / DIN 51 562:	130 mm²/s
Water content / DIN 51 777/T1:	< 0,2 %
Dropping point / DIN ISO 2176:	> 220 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137:	280
Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137:	300
Water resistance / DIN 51 807/T1:	Evaluation level 1
Flow pressure at -30°C / DIN 51 805:	600 hPa
Oil separation / DIN 51 817:	ca. 2,5 %

Zeller+Gmelin
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Corrosion protection behaviour (EMCOR-test) / DIN 51 802:	0/0
Oxidation resistance 100°C/100h / DIN 51 808:	0.2 bar
VKA welding load / DIN 51 350/T4:	4000 N

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.

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