



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 good pressure absorption capacity
- + classification KP 2 P-30 as per DIN 51 825
- + classification ISO-L-XCEHB 2 as per ISO 6743-9

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 / ASTM D 7042	130 mm ² /s
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

20160

10/2019-20160-7

The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can not be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.



TECHNICAL DATA SHEET

Divinol Lithogrease G 421

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

Water resistance / DIN 51807-1	Evaluation level 1
Flow pressure at -30°C / DIN 51 805-2	600 hPa
Oil separation, normal test / DIN 51 817	ca. 2,5 %
Corrosion protection behaviour (EMCOR-test) / DIN 51 802	0/0
VKA welding load / DIN 51 350-4	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.

20160

10/2019-20160-7

The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can not be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.