



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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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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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 ISO 22285	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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