



TECHNICAL DATA SHEET

Divinol Multitherm 1.5-460

PRODUCT DESCRIPTION

- + Calciumsulphonate complex grease
- + suitable for high-temperature applications
- + high mechanical load carrying capacity
- + extraordinary corrosion protection
- + high resistance against water, damp or aggressive substances
- + classification KP 2-1 N-20 as per DIN 51 825

CHARACTERISTICS

Colour / Appearance	brown
Thickening agent	Calciumsulphonate complex
Operating temperature range	-20°C - +150°C *
NLGI-class / DIN 51 818	1.5
Base oil viscosity/40°C / ASTM D 7042	460 mm ² /s
Dropping point / DIN ISO 2176	> 280 °C
Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137	305
Worked penetration/0.1mm, 10 000 double strokes / DIN ISO 2137	325

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Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137	330
Water resistance / DIN 51807-1	Evaluation level 0
Flow pressure at -20°C / DIN 51 805	1050 hPa
Oil separation, normal test / DIN 51 817	1,0 %
Corrosion protection behaviour (EMCOR-test) / DIN 51 802	0/0 (with 3 % NaCl)
Corrosion effect on copper 120°C / DIN 51 811	Corrosion degree 1
VKA welding load / DIN 51 350-4	4200 N

APPLICATION

Divinol Multitherm 1.5-460 is characterized by its remarkable stability against thermal and mechanical stress and works well for a multitude of industrial lubrication tasks. Especially for applications in heavy industries, like steelworks, where high pressure sand temperatures occur, **Divinol Multitherm 1.5-460** helps to prolong maintenance intervals and thus improves the profitability. Even under contamination with water or other aggressive substances the use of **Divinol Multitherm 1.5-460** reduces bearing failures and therefore increases process reliability. Moreover, the product is used for the lubrication of roller and slide bearings in all kinds of machines, ventilators, pumps, presses, motors, calenders etc.

* With regular relubrication operating temperature range up to +180°C.

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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