

Technical Data Sheet

Divinol Kupferpaste

Product description

Mechanically high chargeable, water-resistant and very separating active high temperature paste for all separating processes at high temperature. It protects effectively from corrosion and seizing of thread and bearing. Special additives, a special thickening system as well as compatible solid lubricants protect against welding, sticking, squeaking, scaling and give extreme pressure absorption capability.

Characteristics

Appearance:	copper-like
NLGI-class / DIN 51 818:	2
Operating temperature range:	-30 - 1100 C
Base oil viscosity/40°C / ASTM D 7042:	300 mm ² /s
Water content / DIN 51 777/T1:	< 0,1
Unworked penetration/0.1 mm / DIN ISO 2137:	270
Water resistance / DIN 51807-1:	0
Corrosion protection behaviour (EMCOR-test) / DIN 51 802:	0/0
Oxidation resistance 100°C/100h / DIN 51 808:	0.2 bar
Oil separation, short-time test / DIN 51 817:	< 4,0 %

Application

Suitable for easier installation and removal of metal pieces, bolts, nuts, valves, slide bearings, chains, flanges, screws, fittings, plug threads, exhaust screws etc., e.g. at guiding appliances, springs, brake bloc bolts, links, spark plugs, battery poles as well as heating boilers. Divinol Kupferpaste is also used successfully for the lubrication of chisels.

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