



meguinfo

Art.-Nr. 3210.000

Stand: 02.07

megol Wälzlagerfett KPF2K-20

A lithium soap grease, produced from carefully selected base materials and special additives. For the lubrication of highly loaded roller- and plain bearings at normal to high speed, also under dusty and damp operating conditions. To improve pressure absorption capacity and emergency running characteristics this grease contains molybdenum disulphide (MoS₂) and chemically active EP-additives.

Service range from -20 °C to +130 °C.
Brief temperature-peaks up to +140 °C are permissible.

Identification acc.to DIN 51502: KPF2K-20

Approvals: lubrication grease DIN 51825-KPF2K-20

Characteristic data

approx. values

Appearance and properties

Saponification type black, supple, soft

base oil viscosity at 40 °C

Li

Flash point

DIN 51562 mm²200

Pour point

DIN ISO 2592 °C 240

Drip point

DIN ISO 3016 °C - 22

Consistency class

DIN ISO 2176 °C 182

DIN 51818 2

Fulling penetration

DIN ISO 2137 0,1 mm 275-295

Fulling stability

DIN ISO 2137

Difference after 5.000 u. 60 DH

0,1 mm < 10

Difference after 100.000 u. 60 DH

0,1 mm < 25

Property against water

DIN 51807 part 1

1-90

Ant-corrosion properties

Emcor-method

DIN 51802 Corr.-degr. 0

Copper strip test

DIN 51811 Corr.-degr. 1-125

solid foreign bodies

Test screen mesh 140 µ

DIN 51813 mg / kg < 4

Water content

DIN ISO 3733 g / 100 g < 0,1

Neutralization number, alkaline

DIN 51809 Teil 1 mg KOH/g 2,0

Oil separation after 7 days

And + 40 °C

DIN 51817

Ashes, oxide

DIN EN 7

Shanghai Jichuan Trading Co.,Ltd.

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g / 100 g	3,5			
g / 100 g	3,0			
Ashes, sulphate	DIN 51803	g / 100 g		4,5
Mechanical/dynamic test B at + 120 °C	DIN 51806			excellent passed
Pipe friction resistance in the Shell-de Limon rheometer				
Delivery rate		g / min	10	100
7 mm clearance at + 20 °C		bar / m	6,0	8,5
7 mm clearance at - 20 °C		bar / m	30	77
16 mm clearance at + 20 °C		bar / m	2,0	2,7
16 mm clearance at - 20 °C		bar / m	8,5	14,5
Water washing loss at + 38 °C	ASTM D 1264	g / 100g	0,7	
Oxidation resistance				
Pressure fall after 100 h at + 99 °C	DIN 51808	bar	< 0,5	
VKA welding power	DIN 51350 T4	N		3800/4000

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