



meguinfo

Art.-Nr. 3209.030

Stand: 96.10

megol Wälzlagerfett KP3K-20

A high quality lithium soap grease for the lubrication of roller- and plain bearings at higher temperatures and extreme pressure loads. Besides corrosion- and oxidation protection additives, it contains EP-additives which give this grease optimal lubricating characteristics, and which assure full effectiveness even at the presence of up to 20 % water.

Service range from -20 °C to +130 °C.
Identification acc.to DIN 51502: KP3K-20
Approval: lubrication grease DIN 51825-KP3K-20

Characteristic data

approx. values

Appearance and properties

natural colour, supple,

Saponification type

soft

base oil viscosity at 40 °C

Flash point

Pour point

Drip point

Consistency class

DIN 51562 mm²200
DIN ISO 2592 °C
DIN ISO 3016 °C
DIN ISO 2176 °C
DIN 51818 3

240

- 25

185

3

Li - Ca

Fulling penetration

DIN ISO 2137

0,1 mm

220-250

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

< 20

Timken-Test

Friction with stress of

43 lbs

mg

< 4,0

Weight

DIN 51807 part 1

lbs

50

1-90

Property against water

Anti-corrosion properties

DIN 51802

Corr.-degr.

0

Emcor-method

DIN 51811

Corr.-degr.

1-100

Copper strip test

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

g / 100 g

2,8

Shanghai Jichuan Trading Co.,Ltd.

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Ashes, oxide	DIN EN 7	g / 100 g	1,5	
Ashes, sulphate	DIN 51803	g / 100 g		3,0
Pipe friction resistance in the Shell-de Limon rheometer				
Delivery rate		g / min	1	10 100
7 mm clearance at + 20 °C		bar / m	4,7	6,5 10,5
7 mm clearance at - 20 °C		bar / m	18	35 > 100
Delivery rate		g / min	10	100 200
16 mm clearance at + 20 °C		bar / m	0,76	1,6 2,0
16 mm clearance at - 20 °C		bar / m	7	15 20,0
Oxidation resistance				
Pressure fall after 100 h at + 99 °C	DIN 51808	bar	< 0,3	
Unstress characteristics at + 20 °C	SEB 181-305			
after 3 min		bar	2,0	
after 10 min		bar	1,8	
Flow pressure at - 20 °C	DIN 51805	mbar		900

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