



## *meguinfo*

Art.-Nr. 3211.000

Stand: 01.08

### **megol Schwerlastfett KPF2N-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 (MoS<sub>2</sub>) and chemically active EP-additives.

Service range from -20 °C to +140 °C.

Identification acc.to DIN 51502: KPF2N-20

Approval: lubrication grease DIN 51825-KPF2N-20

#### **Characteristic data**

**approx. values**

#### Appearance and properties

Saponification type

base oil viscosity at 40 °C black, supple, soft

Flash point

Pour point

Drip point

Consistency class

DIN 51562 mm<sup>2</sup>1000  
DIN ISO 2592 °C  
DIN ISO 3016 °C  
DIN ISO 2176 °C  
DIN 51818 2

246

- 14

180

2

Fulling penetration

Fulling stability

Difference after 5.000 u. 60 DH

Difference after 100.000 u. 60 DH

DIN ISO 2137  
DIN ISO 2137

0,1 mm

0,1 mm

0,1 mm

275-300

< 10

< 25

Property against water

DIN 51807 part 1

1-90

#### Ant-corrosion properties

Emcor-method

Copper strip test

DIN 51802  
DIN 51811

Corr.-degr.

Corr.-degr.

0

1-100

solid foreign bodies

Test screen mesh 140 µ

Water content

Neutralization number, alkaline

DIN 51813  
DIN ISO 3733  
DIN 51809 Teil 1

mg / kg

g / 100 g

mg KOH/g

< 4

< 0,1

2,0

Oil separation after 7 days

And + 40 °C

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# Shanghai Jichuan Trading

Ashes, oxide	DIN 51817	g / 100 g	2,5
Ashes, sulphate	DIN EN 7 DIN 51803	g / 100 g g / 100 g	3,0 4,5
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
Flow pressure at -20 °C	DIN 51805	mbar	800

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