



meguinfo

Art.-Nr. 3220.000

Stand: 04.07

megol Langzeitfett KP2K-40

A special grease with synthetic base oil and EP-additives for roller- and plain bearings at highest loads. Because of its reliable lubricating performance it is excellently suited for highly loaded bearings, unfavourable operating conditions and to extend relubricating periods. Due to its extremely adherent lubricating film its application is especially advantageous for machines and vehicles in the construction industry, including cement-and gravel plants and quarries, as well as in agriculture. From experience we know that especially in these areas overloading often occurs due to shock and jolt stresses, dusty environment, or lack of maintenance. Here the excellent lubricating performance of this long-term grease really proves itself. When applied on normally loaded bearings, the relubrication periods may be significantly extended. Very well suited for use in automatic lubricating units.

Service range from -40 °C to +130 °C.

Identification acc.to DIN 51502 KP2K-40

Performance/ Approval: lubrication grease DIN 51825-KP2K-40

Characteristic data

approx. values

Appearance and properties

natural colour, supple,

Saponification type

soft

base oil viscosity at 40 °C

Flash point

Ca-Li

Pour point

DIN 51562

mm²650

Drip point

DIN ISO 2592

°C

230

Consistency class

DIN ISO 3016

°C

- 27

DIN ISO 2176

°C

180

DIN 51818

2

Fulling penetration

DIN ISO 2137

0,1 mm

265-295

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

Timken-Test

Friction with stress of

mg

< 4,0

55 lbs

lbs

55

Weight

DIN 51807 part 1

1-90

Property against water

Anti-corrosion properties

Emcor-method

DIN 51802

Corr.-degr.

g / 100 g

Copper strip test

DIN 51811

Corr.-degr.

solid foreign bodies

1-125

Test screen mesh 140 µ

DIN 51813

Water content

DIN ISO 3733

mg / kg

Shanghai Jichuan Trading Co.,Ltd.

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|--------------------------------------|------------------|--|-----------|-----|------|-----|--|-------------------|-----|
| 0 | | | | | | | | | |
| | < 4 | | < 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 | | | | | 3,0 | |
| Ashes, sulphate | DIN 51803 | | g / 100 g | | | | | | 3,0 |
| Mechanic/dynamic test B | | | | | | | | | |
| at + 120 °C | DIN 51806 | | | | | | | excellent passing | |
| Pipe friction resistance in the | | | | | | | | | |
| Shell-de Limon rheometer | | | | | | | | | |
| Delivery rate | | | g / min | 1 | 10 | 100 | | | |
| 7 mm clearance at + 20 °C | | | bar / m | 4,5 | 6,2 | 8,8 | | | |
| 7 mm clearance at - 20 °C | | | bar / m | 17 | 30,5 | 79 | | | |
| Delivery rate | | | g / min | 10 | 100 | | | 200 | |
| 16 mm clearance at + 20 °C | | | bar / m | 1,5 | 2,1 | | | 2,8 | |
| 16 mm clearance at - 20 °C | | | bar / m | 7 | 8,8 | | | 15 | |
| Oxidation resistance | | | | | | | | | |
| Pressure fall after 100 h at + 99 °C | DIN 51808 | | bar | | | | | < 0,5 | |
| Flow pressure at - 35 °C | DIN 51805 | | mbar | | | | | < 1400 | |

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