

meguinfo

Art.-Nr. 3211.000

Stand: 01.08

megol heavy-duty grease 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 (MoS₂) 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			black, supple, soft
Saponification type			Li
base oil viscosity at 40 °C	DIN 51562	mm ²	1000
Flash point	DIN ISO 2592	°C	246
Pour point	DIN ISO 3016	°C	- 14
Drip point	DIN ISO 2176	°C	180
Consistency class	DIN 51818		2
Fulling penetration	DIN ISO 2137	0,1 mm	275-300
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.	1-100
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	2,5
Ashes, oxide	DIN EN 7	g / 100 g	3,0
Ashes, sulphate	DIN 51803	g / 100 g	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