



Shanghai Jichuan Trading

Wälzlagerfett KP2K-30 (Roller Bearing Grease KP2K-30)

DESCRIPTION

Liqui Moly Roller Bearing Grease KP2K-30 is a high-quality, lithium-calcium soap grease for lubricating roller and plain bearings at increased temperatures and under extreme loads. As well as anti-corrosion and anti-oxidant additives, this grease also contains EP additives which give it optimum lubrication properties. The product is still fully effective in the presence of up to 20 % water.

Range: from -30 °C to +130 °C

Corresponds to and fulfills the following classifications and specifications:

Labeling according to Lubricating grease	DIN 51502: DIN 51825-KP2K-30	KP2K-30
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TECHNICAL DATA

Appearance and consistency	Natural color, soft and pliable		
Saponification type	Li-Ca		
Base oil: Viscosity at 40 °C	DIN 51562	mm ² /s	200
Flash point	DIN ISO 2592	°C	240
Pour point	DIN ISO 3016	°C	-25
Dropping point	DIN ISO 2176	°C	182
Consistency grade	DIN 51818		2
Worked penetration	DIN ISO 2137	0.1 mm	275-295
Stability to liquifying	DIN ISO 2137		
Difference after 5,000 and 60 DH		0.1 mm	< 10
Difference after 100,000 and 60 DH		0.1 mm	< 20
Test with FAG roller bearing grease test unit FE 9 Method A/1500/6000			
F50 at 120 °C	DIN 51821	h	250
Timken Test			
Abrasion under a load of 43 lbs		mg	< 4.0
Acceptable load		lbs	50
Behavior in the presence of water	DIN 51807 Part 1		1 - 90
Corrosion protection properties			
EMCOR method	DIN 51802	Corr. char.	0
Copper strip test	DIN 51811	Corr. char.	1 -100
Solid foreign particles			
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 Part 1	mg KOH/g	2.0

Shanghai Jichuan Trading Co.,Ltd.

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Oil separation after 7 days and +40 °C	DIN 51817	g/100 g	4.5
Ash, oxide	DIN EN 7	g/100 g	1.5
Ash, sulfate	DIN 51803	g/100 g	3.0
Tube friction drag in the Shell-de Limon Rheometer			
Delivery		g / min	1 10 100
7 mm gap width at +20 °C		bar / m	2.2 3.2 5.5
7 mm gap width at -20 °C		bar / m	9.0 24 > 100
Delivery		g / min	10 100 200
16 mm gap width at +20 °C		bar / m	0.85 1.35
1.616 mm gap width at -20 °C		bar / m	3.8 11.0 16.0
Resistance to oxidation			
Pressure drop after 100 h at +99 °C	DIN 51808	bar	< 0.3
Decompression characteristics at 20 °C after 3 min.	SEB 181-305	bar	2.0
after 10 min.		bar	1.8
Flow pressure at -30 °C	DIN 51805	mbar	
Temperature stability		°C	-30° to 130°

AVAILABLE PACK SIZE

Roller Bearing Grease KP2K-30	15 kg	Part no. 4192
	25 kg	Part no. 4193
	50 kg	Part no. 4194
	180 kg	Part no. 4195

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