

Lubricator KING™ Distributions CC

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Multi-Purpose Grease Specification

Product Code 001 (Meguin Megol Schmierfett (grease) SF 1 MF)

Application Megol grease SF1 MF is a lithium calcium grease made using carefully selected raw materials and special additives. It is designed for lubrication of normally stressed roller and plain bearings with normal to high speeds, even in dusty and moist operating conditions. As a result of its excellent composition and properties it is ideal for use in automatic grease dispensers. Megol Grease SF1 MF is free of heavy metals.

Characteristic	Standard	Unit	Value
DIN Standard	DIN 51502	KP2K-30	
Color			Natural
Base			Li/Ca
Base Oil			Mineral Oil
NLGI Class	DIN 51818		2
Base Oil viscosity @ 40°C	DIN 51562	mm ² /S	150
Temperature range		°C	-30 - +120
Drop point	DIN ISO 2176	°C	+155
Base oil flash point	DIN ISO 2592	°C	230
Worked Penetration	DIN ISO 2137	0.1mm	270-290
Worked stability Difference - 5000 & 60 DH - 100000 & 60DH	DIN ISO	0.1mm	<15 <30
Corrosion protection Emcor procedure Copper strip test	DIN 51802 DIN 51811	Degree of corrosion rating	0 1-125
DN factor			250,000
Load Capacity	DIN 51 350 4	N OK weld load	2600-2800
Solid foreign substances Test screen fabric 140µ	DIN 51813	Mg/kg	<4
Water content	DIN ISO 3733	g/100 g	<0.1
Water resistance	DIN 51807 part 1		1-90
Oil separation – 7 days 40°C	DIN 51817	g/100g	2.0
Oxidation stability pressure reduction – 100 hrs @ 99°C	DIN 51808	Bar	<0.5

This information is based on information supplied by the lubricant manufacturer and whilst it has been carefully prepared and may be considered reliable it is only advisory.