

## Mabanol Sigma EP 2

Calcium thickened multi-purpose grease

### Application

Mabanol Sigma EP 2 is a high-quality multi-purpose lubricating grease that can be used in numerous industrial applications as well as in agriculture and forestry to lubricate plain and rolling bearings. The product can be easily pumped in central lubrication systems. Typical industries include the steel and metal industry, construction, quarrying or cement.

### Properties

Mabanol Sigma EP 2 is an anhydrous calcium thickened lubricating grease based on a mineral oil. The balanced additive package contains antioxidants, corrosion inhibitors and EP/AW active ingredients.

The thickener and the special base oil mixture make the product suitable for the lubrication of moderately loaded bearings, especially in wet and corrosive environments. The lubricating grease has excellent adhesion and water resistance.

Mabanol Sigma EP 2 can be mixed with conventional lithium and aluminum complex greases.

The operating temperature is -30°C to +120°C.

### Standards

- NLGI-Grade 2
- DIN 51502: KP2K-30
- ISO 6743: L-XC(F)CIB 2

### Data

	Test method	Unit	Value
Thickener			Anhydrous calcium
Colour			Yellow brown
Dropping point	IP 396	°C	> 140
Base oil viscosity at 40°C	ASTM D	mm <sup>2</sup> /s	110
Base oil viscosity at 100°C	ASTM D	mm <sup>2</sup> /s	9
Penetration 60 strokes	ISO 2137	1/10mm	265 - 295
4-ball weld load	DIN 51350:4	N	3000
Water resistance at 90°C	DIN 51807:1		0 - 90
Water wash out at 79°C	ISO 11009	%	< 10
Emcor salt water	ISO 11007		≤ 2 - 2
Flow Pressure at -30°C	DIN 51805	mBar	< 1400
FE9 (B/130°C/6000rpm/1500N)	DIN 51821	h	F50 ≥ 100

Updated in: April 2024

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1999