

Mabanol Gamma MZF EP 1°

Multipurpose grease

Application

Mabanol Gamma MZF EP 1° is a lithium saponified mineral oil based general multipurpose grease which can be used in various applications within given temperature limits. The product contains corrosion inhibitors and EP additives to offer a high load carrying capacity.

Mabanol Gamma MZF EP 1° is developed for industrial and automotive applications. It is suitable for a wide range of plain and rolling bearings.

Properties

Mabanol Gamma MZF EP 1° has a smooth texture. It offers good corrosion protection as well as good mechanical and oxidation stability. Furthermore the excellent wear protection provides good resistance to shock loads.

Standards

- NLGI-Grade 1
- DIN 51502 / 51825: KP1N-30
- ISO 6743 / 9: L-XCDEB1

Data

| | Test method | Unit | Value |
|----------------------------|-------------|--------|-------------|
| Thickener | | | Lithium |
| Colour | | | Amber |
| Dropping point | ASTM D 2265 | °C | 204 |
| Worked penetration at 25°C | ASTM D 217 | 1/10mm | 310 – 340 |
| Base oil viscosity at 40°C | ASTM D 445 | cSt | 150 |
| Roll stability at 25°C | ASTM D 1831 | 1/10mm | ~15 |
| Four ball test, WP | ASTM D 2596 | N | 315 |
| Four ball test, LWI | ASTM D 2596 | | 45 |
| Scar diameter | ASTM D 2266 | mm | 0,5 |
| Copper corrosion | ASTM D 4048 | | 1a |
| Temperature range | | °C | -30 to +130 |

Updated in: July 2024

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1999