

OML BIO Multipurpose Grease

BIO Schroefasvet



EXTREME
PRESSURE



HEAVY
LOADS



RESISTANCE
WATER



PRODUCT DESCRIPTION

OML BIO Multipurpose Grease is a lithium-calcium thickened lubricating grease based on vegetable oil and Synthetic Esters. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

The thickener, together with the base oil, makes the product suitable for the lubrication of slow moving and heavily loaded bearings.

- Excellent water resistance
- Good load carrying capacity
- Endures high shock loads

OML BIO Multipurpose Grease is suitable for heavily loaded industrial applications where water wash is problematic. The product is also suitable for heavy-duty vehicles working outdoors in wet and dirty conditions.

TYPICAL TECHNICAL DATA

| | | |
|-------------------------------|-------------|----------------------------------|
| Thickener | | Lithium calcium |
| Base oil | | Vegetable oil + Synthetic Esters |
| Colour | Visual | Green |
| NLGI Grade | ASTM D217 | 2 |
| Dropping point | METTLER | >160 °C |
| Base oil viscosity at 40 °C | NF T 60-100 | 140±10 cSt |
| Temperature range | | -20 °C to +120 °C Max +130 °C |
| Biodegradability | OECD 301 B | Inherently |
| Mechanical stability | | |
| Penetration 60 strokes | ISO 2137 | 265-295 |
| Penetration 10.000 strokes | | <30 |
| Corrosion protection | | |
| SKF Emcor WWO distilled water | NF T 60-135 | 0-0 |
| Water stability | | |
| Water resistance | ASTM D 1264 | <2% |
| Oil separation | | |
| Separation | NF T 60-191 | <3% |
| Anti-wear properties | | |
| 4-ball wear scar | ISO 20623 | 0,5 mm |
| 4-Ball weld load | ASTM D 2596 | 400 kg |

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