



# Multifak<sup>®</sup> EP 000

## Efficient performance multipurpose EP grease

### Product description

Multifak EP 000 is an efficient performance multipurpose EP grease formulated with a highly refined mineral base, lithium thickeners, extreme pressure additives and rust and oxidation inhibitors.

Multifak EP 000 is suitable for a wide range of general purpose automotive and industrial applications.

### Customer benefits

- Extreme pressure additives provide wear protection under high loads, reducing plant maintenance downtime
- Rust and oxidation inhibitors protect metal surfaces, reducing maintenance costs
- Anti-oxidation technology increases grease service life
- Good pumpability and lithium thickener performance allows use in grease pump application systems
- Wide range multipurpose automotive/industrial application cuts inventories and reduces misapplication

### Applications

- Industrial plain and rolling element bearing
- General plant lubrication
- Centralised lubrication systems
- Construction equipment bearings
- Earthmoving, quarrying and mining
- Agricultural equipment
- Automotive wheel bearings
- Chassis grease point lubrication

### Product highlights

- **Multipurpose automotive and industrial grease**
- **EP wear protection**
- **Rust, corrosion resistant**

#### Selected specification standards include:

Manual Pump PG.14

Automatic Pump PGA + GRG

Distributors IDR + IDG + IT

## Approvals, performance and recommendations

### Approvals

Multifak EP 000 is approved by Mecafluid for use in centralised lubrication systems.

- Manual Pump                    PG.14
- Automatic Pump                PGA + GRG
- Distributors                    IDR + IDG + IT

### Performance

	DIN 51 502	ISO 6743-09	Operating temperature
<b>Multifak EP 000</b>	GP 000 K-30	ISO-L-XCCEB 000	-30°C up to 120°C with short periods up to 140°C

Typical test data		
Test	Test methods	Results
<b>NLGI Grade</b>	<b>DIN 51 818</b>	<b>000</b>
<b>Product Code</b>		<b>32661</b>
Soap type	DIN 51 814	Lithium
Soap content, %	calculated	1-5
Colour	Visual	Brown <sup>[1]</sup>
Texture	Visual	Smooth
Dropping Point, °C	ISO 2176	> 160
Oil type	-	Mineral
Base oil viscosity at 40°C, mm <sup>2</sup> /s	DIN 51 562	200
Base oil viscosity at 100°C, mm <sup>2</sup> /s	DIN 51 562	17
<b>Penetration</b>		
- unworked, 0.1mm	ISO 2137	445-475
- worked, 60 strokes, 0.1 mm	ISO 2137	445-475
Copper Corrosion 24h/120°C <sup>[2]</sup>	DIN 51 811	1
Copper Corrosion 48h/120°C	DIN 51 811	1

<sup>[1]</sup> Colour variation from light brown to brown is possible and is the result of the base oils used.

<sup>[2]</sup> For the non-European equivalent, the copper corrosion is measured at 100°C

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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