



# Multifak<sup>®</sup> EP

## Efficient performance extreme pressure multipurpose automotive and industrial grease

### Product description

Multifak EP is an efficient performance extreme pressure multipurpose grease, suitable for both automotive and industrial applications.

Multifak EP is formulated with highly refined mineral base oils and a lithium thickener, combined with extreme pressure additives and rust and oxidation inhibitors.

Multifak EP is available in the following grades:

- Multifak EP 0
- Multifak EP 1
- Multifak EP 2

### Customer benefits

- EP additives contribute to high load wear protection
- Helps protect metal surfaces from rust and corrosion
- Robust oxidation resistance
- Lithium thickener provides good flow and pumpability (NLGI 2)
- Multipurpose application reduces inventories and mis-applications

### Applications

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

### Product highlights

- **High load EP wear protection**
- **Corrosion and oxidation resistance**
- **Multipurpose application**

**Selected specification standards include:**

DIN	ISO
MAN	Mercedes Benz
Volvo	

## Approvals, performance and recommendations

### Approvals

Multifak EP 2 is approved against:

- Mercedes Benz MB 267
- MAN 283
- Volvo 1277.18 – Multi-purpose grease

### Performance

	DIN 51 502	ISO 6743-09	Operating temperature
<b>Multifak EP 0</b>	GP 0 K-30/KP 0K-30	ISO-L-XCCEB 0	–30 up to 120 °C with short periods up to 140 °C
<b>Multifak EP 1</b>	KP 1 K-30	ISO-L-XCCEB 1	
<b>Multifak EP 2</b>	KP 2 K-30	ISO-L-XCCEB 2	

Typical test data				
Test	Test methods	Results		
<b>NLGI Grade</b>	<b>DIN 51 818</b>	<b>0</b>	<b>1</b>	<b>2</b>
<b>Product Code</b>		<b>000901</b>	<b>000921</b>	<b>000995</b>
Soap type	DIN 51 814	Lithium	Lithium	Lithium
Dropping Point, °C	ISO 2176	>200	>200	>200
Oil type	-	Mineral	Mineral	Mineral
Base oil viscosity at 40°C, mm <sup>2</sup> /s	DIN 51 562	200	200	200
Penetration worked, 0.1 mm	ISO 2137	355-285	310-340	265-295
Copper Corrosion 24h/120°C	DIN 51 811	1	1	1
Emcor corrosion, distilled water	ISO 11007	0/0	0/0	0/0
Water resistance static	DIN 51 807/1	1-90	1-90	1-90
Four Ball weld load, N	DIN 51 350/4	2600	2600	2600
Four Ball wear scar, 1min/1000N, mm	DIN 51 350/5	0.5	0.5	0.5

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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