



Multifak® EP

Multipurpose Automotive and Industrial Grease

Product Data Sheet



Customer benefits

Multifak EP greases deliver value through:

Good water resistance – Resistance to washout of bearings.

Good corrosion protection – Inhibited to protect bearing surfaces.

Good oxidation stability – Helps to support long life in storage and in use.

Simplified lubrication – One grease designed to satisfy many different industrial grease requirements.

Low oil separation tendency – Recommended for use in typical centralized lubrication systems.

Protects metal surfaces – Effective EP additive protects against component wear under high load conditions. Rust and corrosion inhibitors protect metal surfaces.

Good pumpability – Good pumpability characteristics of the lithium thickener provide suitable flow properties for grease pump application systems (NLGI 00, 0, 1).

Applications

Can include;

- Industrial plain and rolling element bearings
- General plant lubrication
- Centralized lubrication systems (NLGI 00, 0 & 1)
- Construction equipment bearings
- Earthmoving, quarrying and mining
- Agricultural equipment
- Automotive wheel bearings
- Chassis grease point lubrication
- Deck equipment

Usable temperature range in continuous service and DIN/ ISO Classification:

GRADE	OPERATING TEMPERATURE	DIN 51 502	ISO 6743-09
NLGI 00	-35 to 80°C		
NLGI 0	-30 to 100°C	GP 0 K-30/ KP 0 K-30	ISO-L-XCCEB 0
NLGI 1	-30 to 120°C	KP 1 K-30	ISO-L-XCCEB 1
NLGI 2	-30 to 130°C	KP 2 K-30	ISO-L-XCDEB 2
NLGI 3	-30 to 130°C		

Product features:

- **Multipurpose EP grease** contains highly refined mineral base oils, lithium thickener, extreme pressure (EP) additives and rust and oxidation inhibitors. Suitable as a multipurpose automotive grease for general purpose applications and many industrial, commercial and Marine applications.

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continued

Performance standards

Listed by

- NLGI Service Category LB (Multifak EP 1, 2)
- Grob (Multifak EP 00, 2)
- Kamome-Propeller (Multifak EP 0)

Approved by

- SMS Group (SN 180-1) (Multifak EP 00, 0, 2)
- MAN Truck and Bus 283 Li-P 2 (Multifak 2)
- Volvo 97718 (Multifak EP 2)

Typical test data

MULTIFAK® EP		RESULTS				
Typical Shelf Life: 48 months from date of filling indicated on the product label*						
NLGI Grade	ASTM	00	0	1	2	3
Product Code		540825	540810	540811	540812	540813
Dropping Point, °C	D2265	160	180	195	195	205
Oil Viscosity						
mm ² /s @ 40°C	D445	112	208	208	200	200
mm ² /s @ 100°C	D445	9.8	18.2	18.2	17.5	17.5
Penetration, Worked @ 25°C	D217	415	370	325	280	235
Thickener (Lithium), m %		2.3	4	6	7.5	10
Timken OK Load, kg	D2509	18	18	18	18	18

* Typical Shelf Life: (a) if stored under normal conditions and (b) can be extended after re-testing.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Global Lubricants: Africa, Middle East and Pakistan

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit www.caltexoils.com.

For more information, go to www.chevronlubricants.com

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