

Multifak[®] EP (formerly Multifak Multipurpose EP)

Multipurpose automotive and industrial grease



Product description

Multifak[®] EP greases are multipurpose extreme pressure greases suitable for use in many industrial grease applications.

Customer benefits and product features

Multifak EP greases deliver value through:

- Good water resistance — Resistance to washout of bearings.
- Good corrosion protection — Inhibited to help 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 by Chevron 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).

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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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	-35 to 130°C		

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Product approvals, performance, and recommendations

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)

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Typical test data

MULTIFAK EP						
NLGI Grade		00	0	1	2	3
Product Number		540825	540810	540811	540812	540813
Dropping Point, °C	ASTM D2265	160	180	195	195	205
ISO Viscosity, Grade Base Oil Equivalent		100	220	220	220	220
Oil Viscosity,						
mm ² /s @ 40°C	ASTM D445	112	208	208	200	200
mm ² /s @ 100°C	ASTM D445	9.8	18.2	18.2	17.5	17.5
Penetration, Worked @ 25°C	ASTM D217	415	370	325	280	235
Thickener (Lithium), m %		2.3	4	6	7.5	10
Timken OK Load, kg	ASTM D2509	18	18	18	18	18
Texture		Buttery	Buttery	Buttery	Buttery	Buttery
Color		Amber	Amber	Amber	Amber to Brown	Amber to Brown

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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 the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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