

# MULTIPPE EP 0



Grease

**Multi purpose extreme pressure semi-fluid lithium/calcium grease.**

## APPLICATIONS

**Centralized Lubrication System grease**

**Recommendation**

- **MULTIPPE EP 0** is especially developed for chassis lubrication by means of a centralized system for which NLGI 0 grade greases are recommended.
- Central lubrication systems found on trucks, off-road vehicles used in agriculture civil engineering, and industry.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system.

## SPECIFICATIONS

**Meets the requirements of**

- ISO 6743-9 : L-XBCEB 0
- DIN 51502 : MP0K-25

## ADVANTAGES

**Outstanding pumpability even at low temperatures  
Excellent adhesion to metal  
No harmful substances**

- Forms a durable lubrication film, resulting in prolonged lifetime of the lubricated parts.
- **MULTIPPE EP 0**, because of its excellent low temperature characteristics and smooth texture has an outstanding pumpability.
- **MULTIPPE EP 0** is miscible with most other conventional soap greases.
- Excellent adhesion to metal.
- **MULTIPPE EP 0** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTIPPE EP 0
Soap/thickener		-	Lithium/ Calcium
NLGI grade	ASTM D 217/DIN 51 818	-	0
Color	Visual	-	Dark Brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	-25 to 120
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	355 - 385
Flow pressure 1400 mbar	DIN 51 805	°C	- 27
Delimon 7mm, -20°C, 1/10/100 g/min	DIN 51 816-T2	bar/m	1.7/6.5/30
Dropping point	ASTM D 566/IP 396/DIN ISO 2176	°C	> 170
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm <sup>2</sup> /s (cSt)	150

Above characteristics are mean values given as an information.

BEHTAM CO.  
MULTIPPE EP 0



# MULTIPPE EP 1



Grease

Multi purpose extreme pressure lithium/calcium grease.

## APPLICATIONS

Multi purpose EP grease  
General Lubrication

Recommendation

- **MULTIPPE EP 1** is a true multi purpose grease, formulated for lubrication of loaded slide-ball and roller-bearings, wheelbearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture and off road equipment, operating in wet, dusty and/or dry conditions.
- Suitable as general purpose grease for industrial applications requiring a NLGI 1 grade Extreme Pressure grease.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

## SPECIFICATIONS

Meets the requirements of

- ISO 6743-9: L-XBCEB 1
- DIN 51 502: KP1K -30

## ADVANTAGES

Durable film  
Miscible  
Mechanical stability  
Thermal stability  
No harmful substances

- Because of its true Multi Purpose character **MULTIPPE EP 1** may replace a wide range of greases, allowing stock rationalization and simplification of maintenance.
- Forms a durable lubrication film, resulting in reduction of maintenance and down-time costs.
- Miscible with most other conventional soap greases.
- Excellent mechanical stability avoiding ejection or loss of consistency during operation.
- Excellent adhesion to metal.
- Good thermal stability, leading to high resistance to temperature variations.
- **MULTIPPE EP 1** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTIPPE EP 1
Soap/thickener		-	Lithium/ Calcium
NLGI grade	ASTM D 217/DIN 51 818	-	1
Color	Visual	-	Dark Brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 30 to 120
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	310 -340
Four ball weld load	DIN 51 350-4	daN	260 - 280
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0 - 0
Dropping point	ASTM D 566/IP 396/NFT 60 102 C	°C	> 190
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm <sup>2</sup> /s (cSt)	150

Above characteristics are mean values given as an information.

BEHTAM CO.  
MULTIPPE EP 1



# MULTIPPE EP 2



Grease

**Multi purpose extreme pressure lithium grease.**

## APPLICATIONS

**Multi purpose EP grease  
General Lubrication**

**Recommendation**

- **MULTIPPE EP 2** is a true multi purpose grease, formulated for lubrication of loaded slide-ball, and roller-bearings, wheelbearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture and off road equipment, operating in wet, dusty and/or dry conditions.
- Suitable as general purpose grease for industrial applications requiring a NLGI 2 grade.
- Extreme Pressure grease.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

## SPECIFICATIONS

**Meets the requirements of**

- ISO 6743-9: L-XBCEB 2
- DIN 51 502: KP2K-25

## ADVANTAGES

**Durable film,  
Miscible,  
mechanical stability,  
thermal stability,  
no harmful substances**

- Because of its true Multi Purpose character **MULTIPPE EP 2** may replace a wide range of greases, allowing stock rationalization and simplification of maintenance.
- Forms a durable lubrication film, resulting in reduction of maintenance and down-time costs.
- Miscible with most other conventional soap greases.
- Excellent mechanical stability avoiding ejection or loss of consistency during operation.
- Excellent adhesion to metal.
- Good thermal stability, leading to high resistance to temperature variations.
- **MULTIPPE EP 2** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTIPPE EP 2
Soap/thickener		-	Lithium
NLGI grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Dark Brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	-25 to 120
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	265-295
Four ball weld load	DIN 51 350-4	daN	260-280
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0-0
Dropping point	ASTM D 566/IP 396/DIN ISO 2176	°C	>185
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm <sup>2</sup> /s (cSt)	150

Above characteristics are mean values given as an information.

BEHTAM CO.  
MULTIPPE EP 2





# MULTIPPE EP 3



Grease

Multi purpose extreme pressure lithium grease.

## APPLICATIONS

**Multi purpose EP grease**  
**General Lubrication**

**Recommendation**

- **MULTIPPE EP 3** is a true multi purpose grease, formulated for lubrication of loaded slide-,ball-, and roller-bearings, wheelbearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture and off road equipment, operating in wet, dusty and/or dry conditions.
- Suitable as general purpose grease for industrial applications requiring a NLGI 3 grade extreme Pressure grease.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

## SPECIFICATIONS

Meets the requirements of

- ISO 6743-9: L-XBCEB 3
- DIN 51 502: KP3K-20

## ADVANTAGES

**Durable film**  
**Miscible**  
**Mechanical stability**  
**Thermal stability**  
**No harmful substances**

- Because of its true Multi Purpose character **MULTIPPE EP 3** may replace a wide range of greases, allowing stock rationalization and simplification of maintenance.
- Forms a durable lubrication film, resulting in reduction of maintenance and down-time costs.
- Miscible with most other conventional soap greases.
- Excellent mechanical stability avoiding ejection or loss of consistency during operation.
- Excellent adhesion to metal.
- Good thermal stability, leading to high resistance to temperature variations.
- **MULTIPPE EP 3** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTIPPE EP 3
Soap/thickener		-	Lithium
NLGI grade	ASTM D 217/DIN 51 818	-	3
Color	Visual	-	Dark Brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	-20 to 120
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	220-250
Four ball weld load	DIN 51 350-4	daN	260-280
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0-0
Dropping point	ASTM D 566/IP 396/DIN ISO 2176	°C	>185
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm <sup>2</sup> /s (cSt)	150

Above characteristics are mean values given as an information.

BEHTAM CO.  
MULTIPPE EP 3



