

# MULTIS EP 3



Grease



**Multi purpose extreme pressure lithium/calcium grease.**

## APPLICATIONS

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

**Recommendation**

- **MULTIS 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

- 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 **MULTIS 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.
- **MULTIS EP 3** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTIS EP 3
Soap/thickener		-	Lithium/ Calcium
NLGI grade	ASTM D 217/DIN 51 818	-	3
Color	Visual	-	Pale 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	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.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**

21-12-2004 (supersedes 18-07-2001)

MULTIS EP 3

1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser [www.quick-fds.com](http://www.quick-fds.com).