

# LICAL EP 2



Grease



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

## APPLICATIONS

**Multi purpose EP grease General Lubrication Industry**

**Recommendation**

- **LICAL EP 2** is a multi purpose extreme pressure grease, formulated for the lubrication of all kinds of industrial applications, operating in wet and dusty and/or dry conditions.
- **LICAL EP 2** is also suitable as EP multi purpose grease, in "off road" applications where water is in frequent contact with the grease, e.g. Pin-bushings, crown, and caterpillar wheels on excavators.
- 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-XBDHB 2
- DIN 51 502: KP2K -25

## ADVANTAGES

**Durable film  
Miscible  
Mechanical stability  
Thermal stability**

**No harmful substances**

- Because of its true Multi Purpose character **LICAL 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.
- **LICAL EP 2** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	LICAL EP2
Soap/thickener		-	Lithium/ Calcium
NLGI grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Sepia brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 25 to 130
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	265 - 295
Four ball weld load	DIN 51 350-4	daN	380 - 400
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	> 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)	190

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**  
23-06-2010 (supersedes 24-07-2001)  
LICAL EP2  
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).