# LICAL EP 1.5

## DESCRIPTION

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

## APPLICATIONS

**LICAL EP 1.5** 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 1.5** 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, crowns, and caterpillar wheels on excavators.

## SPECIFICATIONS

ISO 6743-9: L-XBDHB 1/2

DIN 51 502: KP1/2K -25

## ADVANTAGES

Because of its true multi purpose character **LICAL EP 1.5** 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.

**LICAL EP 1.5** have an excellent pumpability.

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 1.5** does not contain lead, or other heavy metals considered harmful to human health and the environment.

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.

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# RECOMMENDATIONS

Always avoid contamination of the grease by dust and/or dirt when applying.

Preferably use a pneumatic pump system or cartridges.

# TYPICAL CHARACTERISTICS

| TYPICAL CHARACTERISTICS | METHODS | UNITS | LICAL EP 1.5 |
|---|---|---|---|
| Soap/thickener | | - | Lithium/ Calcium |
| NLGI grade | ASTM D 217/DIN 51 818 | - | 1.5 |
| Color | Visuelle | - | brown |
| Appearence | Visuelle | - | Smooth |
| Operating temperature range | | °C | - 25 à 130 |
| Penetration at 25°C | ASTM D 217/DIN51 818 | 0.1 mm | 280 - 310 |
| 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 | cotation | 0 - 0 |
| Dropping point | IP 396/DIN ISO 2176 | °C | > 180 |
| Kinematic viscosity of the base oil at 40°C | ASTM D 445/DIN 51 562-1/ISO 3104/IP71 | mm²/s (cSt) | 190 |

Above characteristics are mean values given as an information.

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