

## Product Information

# K2EP LONGLIFE GREASE

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## Description

K2EP is a premium quality multi-purpose lithium complex grease for lubricating all anti-friction and plain bearings for use in industrial and automotive applications. This highly adhesive grease has shown exceptional performance providing extended lubrication intervals, even under arduous conditions and over wide operation temperature range.

### Features

- Exceptional mechanical stability extends relubrication intervals.
- Excellent oxidation stability provides lasting lubrication at high temperatures.
- Excellent EP and anti-wear performance.
- Good corrosion resistance protects components operating in wet conditions.

## Applications

K2EP has been developed for use in wheel and other bearings and as a multipurpose grease for cars, vans, trucks, buses, coaches and construction plant such as bulldozers, scrapers, loading shovels and dump trucks where it will give outstanding performance. It is also recommended for use in industrial equipment operating at high temperatures.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

K2EP approved by Leyland Daf under the reference 'K2EPGX'.

## Physical Characteristics

|                                       |                             |
|---------------------------------------|-----------------------------|
| Appearance                            | Red Sparkle, Tacky          |
| NLGI Consistency                      | 2                           |
| Thickener                             | Lithium Complex             |
| Base Oil                              | Solvent refined mineral oil |
| Base oil viscosity @ 40 °C (IP71) cSt | 150 min                     |



Certificate No. FM 21756



Certificate No. EMS 60044



Certificate No. OHS 555083

Morris Lubricants, Castle Foregate,  
Shrewsbury, Shropshire, SY1 2EL

Telephone (01743) 232200

Fax (01743) 353584

# MORRIS LUBRICANTS

## PHYSICAL CHARACTERISTICS CONTINUED.....

|  |  |
|--|--|
| Work penetration (IP50)  | 265 to 295                             |
| Roll stability (ASTM D1831) 100hrs                               | +30 points change in penetration, max. |
| Dropping point (IP132) °C  | 250 min                                |
| Oil separation (IP121) %   | 5 max                                  |
| Copper corrosion (IP112)   | Pass                                   |
| Resistance to corrosion EMCOR (IP220)                            | 0:0                                    |
| Water washout (IP215) @ 79 °C %                                  | 3                                      |
| Four Ball Weld Load (IP239) kgs                                  | 450                                    |
| Wear load index  | 62                                     |
| Timken OK load (IP326) kgs (lbs)                                 | 20 (45)                                |
| Oxidation stability (IP142) 100 hrs<br>@ 99 °C pressure drop psi | 4 max                                  |
| Operation temperature range                                      | -20 °C to +150 °C                      |

(TDS K2EP – 250511 Issue 4)



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