



Product Information: **K2EP Longlife Grease**

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 re-lubrication 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.

Performance Level:

DIN 51502 KP2N-20
ISO 6743-9 L-XBEHB2

Physical Characteristics:

Appearance	Red Sparkle, Tacky
NLGI Consistency	2
Thickener	Lithium Complex
Base Oil	Solvent refined mineral oil
Base Oil Viscosity @ 40 °C (cSt)	150 min
Worked Penetration	265 to 295
Roll Stability 100hrs	+30 points change in penetration, max.
Dropping Point (°C)	250 min
Oil Separation (%)	5 max
Copper Corrosion	Pass
Resistance to Corrosion EMCOR	0:0
Water Washout @ 79 °C (%)	3
Four Ball Weld Load (Kgs)	450
Wear load Index	62
Timken OK load (Kgs) (lbs)	20 / 45
Oxidation Stability 100 hrs @ 99 °C pressure drop (psi)	4 max
Operating Temperature Range (°C)	-20 to +150

Part No.s: KLG400, KLG075, KLG050, KLG180

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