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# Lubekrafft® K2 PLEX

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## HIGH PERFORMANCE GREASE WITH MoS<sub>2</sub> FOR BEARINGS

### DESCRIPTION

**Lubekrafft® K2 Plex** is a grease with excellent performances developed for a long lasting lubrication.

**Lubekrafft® K2 Plex** is a grease base in lithium complex soap, highly refined paraffinic oil, antiwear, antioxidant, anticorrosion and Extreme Pressure additives together with Molybdenum Disulphide. It is free of lead, heavy metals and other products detrimental to the environment.

### APPLICATION

**Lubekrafft® K2 Plex** grease is designed to be used as high performance multipurpose lubricant in roller and plain bearings, sliding and roller guides, joints, splined shafts, threaded spindles, small gearboxes and so on, under severe working conditions of vibrations, loads, shocks even in environment with water, humidity, dust...

### TECHNICAL CHARACTERISTICS

Appearance .....	Black grease
Working temperature (°C) .....	-20 up to 160
Density, ISO 2811 (kg/dm <sup>3</sup> ).....	0.89
Thickener .....	Lithium complex soap
Base oil viscosity at 40°C, ASTM D-445 (cSt) .....	100
Drop point, ASTM D-566 (°C).....	> 250
NLGI consistency .....	2
Penetration at 60 strokes, ASTM D-217 (mm/10).....	265 - 295
Variation of penetration at 100.000 strokes, ASTM D-217 .....	< 30 mm/10
Water wash-out, ASTM D-1264, % grease loss .....	< 3%
Resistance to oxidation (100 hours at 100°C), Hoffman pump ...	< 20 kPa pressure drop
SHELL 4 ball test, welding load, ASTM D-2596 (N) .....	3.200
Corrosion protection, ASTM D-1743 .....	0
Corrosion resistance, Emcor test, ASTM D-6138 .....	0/0

### HOW TO USE

**Lubekrafft® K2 Plex** is used like any conventional lithium grease, by brush, spatula, grease gun or automatic lubricating device. Suitable for delivery by central lubricating system.

**Lubekrafft® K2 Plex** is compatible with any grease with the same base (thickener and oil). If not, consult our Technical Department.

### BENEFITS

- Excellent load carrying capacity.
- Very long lubrication intervals.
- Excellent adhesion.
- High rpm (high speed factor).
- Good water washout resistance.
- Good resistance to oxidation
- Emergency dry lubrication in case of mixed friction.

The information herein is offered in good faith based on KRAFFT's research and it is believed to be accurate. KRAFFT keeps the right to modify the specification without previous notice. These data represent average values after different tests. Due to the wide variety of working conditions, these data can not be a base to define specifications.