

# LINDAX EP 0-1-2-3

**EXTREME PRESSURE MULTIPURPOSE LITHIUM GREASE FOR BEARINGS**



## Description

LINDAX EP is a lithium thickened lubricating grease based on virgin mineral oil. The product is a general multipurpose grease which can be used in various applications within given temperature limits.

## Application

LINDAX EP is a quality multipurpose grease that can be used in both industrial and automotive applications. The grease is suitable for a wide range of plain and rolling bearings.

## Benefits

- Good resistance to shock loads
- Wide range of use
- Good resistance to water

## Typical Properties

		Lindax EP 0	Lindax EP 1	Lindax EP 2	Lindax EP 3
Code		GR0011001	GR0010001	GR0020001	GR0030001
Thickener		Lithium	Lithium	Lithium	Lithium
Base fluid		Mineral oil	Mineral oil	Mineral oil	Mineral oil
Texture		Smooth	Smooth	Smooth	Smooth
Colour	Visual	Yellow Brown	Yellow Brown	Yellow Brown	Yellow Brown
NLGI Grade	ASTM D 217	0	1	2	3
Dropping point	IP 396	> 160°C	> 180°C	> 180°C	> 180°C
Base oil viscosity at 40°C	ASTM D 7152	200 mm <sup>2</sup> /s	165 mm <sup>2</sup> /s	110 mm <sup>2</sup> /s	110 mm <sup>2</sup> /s
Base oil viscosity at 100°C	ASTM D 7152	15 mm <sup>2</sup> /s	14 mm <sup>2</sup> /s	11 mm <sup>2</sup> /s	11 mm <sup>2</sup> /s
Penetration 60 strokes	ISO 2137	355 - 385	310 - 340	265 - 295	220 - 250
4-ball weld load	DIN 51350:4	2600 N	2600 N	2600 N	2600 N
Water resistance at 90°C	DIN 51807:1	1	1	1	0
Water wash out at 38°C	ISO 11009	< 10 %	< 10 %	< 10 %	< 10 %
Emcor dist water	ISO 11007	< 2 - 2	< 2 - 2	< 2 - 2	< 0 - 0
Flow Pressure at -30°C	DIN 51805 mod	< 1400 mbar	< 1400 mbar	< 1400 mbar	< 1400 mbar
SKF R2F B at 120°C	SKF	Pass	Pass	Pass	Pass
Density	IP 530	920 kg/m <sup>3</sup>	910 kg/m <sup>3</sup>	900 kg/m <sup>3</sup>	900 kg/m <sup>3</sup>
Temperature range		-30°C to +120°C (Max +130°C)	-30°C to +120°C (Max +130°C)	-30°C to +120°C (Max +130°C)	-30°C to +120°C (Max +130°C)

## Specifications

### Lindax EP-0

- DIN 51502: KP0K-30
- ISO 12924: L-XC(F)CIB0

### Lindax EP-1

- DIN 51502 KP1K-30
- ISO 6743: L-XCCFB1

### Lindax EP-2

- DIN 51502: KP2K-30
- ISO 12924: L-XC(F)CAB2

### Lindax EP-3

- DIN 51502: KP3K-30
- ISO 12924: L-XC(F)CHB3