

## Lithium Complex (Blue) EP2



CORROSION  
PROTECTION



EXTREME  
PRESSURE



HIGH  
TEMPERATURE

### Description:

LITHIUM COMPLEX (BLUE) EP 2 is a lithium complex thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives. The lithium complex soap makes the product suitable for applications within a very wide temperature range and especially applications at elevated temperatures. The complex soap structure also gives the product a high degree of mechanical stability, which enhances the performance in vibrating housings and prolongs re-lubrication intervals.

LITHIUM COMPLEX (BLUE) EP 2 is a modern high performance product setting a new standard for a truly universal grease, suitable for both industrial and automotive applications. The product's all round properties make it the primary choice for various types of bearing applications, including heavy load conditions and temperature peaks up to 180°C.

LITHIUM COMPLEX (BLUE) EP 2 meets Volvo standard 1277.2 and NLGI standard GC-LB.

### Features & Benefits:

- Very good corrosion protection
- Good resistance to shock loads
- Good thermal resistance

### Important:

Always observe the manufacturers specifications when selecting products.

Maxol Lubricants reserve the right to change this product specification without



# Technical Data

## Typical Technical Data:

Properties	Unit	Typical
Thickener		Lithium complex
Base fluid		Mineral oil
Texture		Smooth
Colour	Visual	Blue
NLGI Grade	ASTM D 127 mod	2
Dropping point	IP 396	> 260°C
Base oil viscosity at 40°C	ASTM D7152	210 mm <sup>2</sup> /s
Base oil viscosity at 100°C	ASTM D7152	16 mm <sup>2</sup> /s
Penetration 60 strokes	ISO 2137	265 - 295
4-ball weld load	DIN 51350:4	2800 N
Water resistance at 90°C	DIN 51807:1	1
Water wash out at 38°C	ISO 11009	< 10%
Emcor salt water	ISO 11007	≤ 2 - 2
Flow Pressure at -30°C	DIN 51805 mod	< 1400 mbar
SKF R2F B at 140°C	SKF	Pass
Density	IP 530	900 kg/ m <sup>3</sup>
Temperature range		-30°C to +140°C (Max +180°C)

**ISO 12924:** L-XC(F)DIB2  
**DIN 51502:** KP2N-30

*The information above is based on current production data & can vary within given tolerances. Temperature range is given as a guideline only. Information & data can be changed without previous notification. It is the user's responsibility to determine the suitability of the product for the application.*

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