

## Maxol Bio Eco E.P.0

### Description:

Maxol Bio Eco E.P.0 is an anhydrous calcium thickened lubricating grease based on renewable biodegradable vegetable oil, esters and polymers. The grease contains antioxidants, corrosion inhibitors, and EP/AW additives. The thickener, together with the environmentally adapted base oil blend, makes the product suitable for various applications within given temperature limits. The lubricating grease offers good mechanical stability, load carrying capacity, and corrosion protection, making it suitable for heavily loaded bearings as well as wet environments.

### Typical Technical Data:

Thickener		Anhydrous Calcium
Base fluid		Vegetable Oil/Polymer
Texture		Smooth
Colour	Visual	Brown
NLGI Grade	ASTM D 217 mod	0
Dropping Point	IP 396	>140°C
Base oil viscosity at 40°C	ASTM D 7152	130 mm <sup>2</sup> /s
Base oil viscosity at 100°C	ASTM D 7152	23 mm <sup>2</sup> /s
Penetration 60 strokes	ISO 2137	355-385
4-ball weld load	DIN 51350:4	2800 N
Water resistance at 90°C	DIN 51807:1	1
Water resistance at 38°C	ISO 11009	<10%
Emcor dist water	ISO 11007	N/D
Flow pressure at -20°C	DIN 51805 mod	<1400 mBar
SKF R2F B at 120°C	SKF	N/A
Density	IP 530	N/D
Temperature range		-20°C to +80°C Max +100°C

### Classification:

ISO 12924	L-XB(F)BHBO
DIN 51502	KPEOE-20

### Application:

Maxol Bio Eco E.P.0 is a modern high performance readily biodegradable grease for both industrial and automotive applications. The product's all-round properties make it the primary choice for various types of bearing applications, especially in cases where "lost lubrication" is a factor. Maxol Bio Eco E.P.0 is pending approval in 2013 VGP legislation and the Swedish Standard 155470.

Maxol Bio Eco E.P.0 is readily biodegradable, has good mobility in CLS and can be used on a wide range of applications.

### Important:

Always observe the manufacturers specifications when selecting products. Maxol Lubricants reserve the right to change this product specification without notice.

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