



## PRODUCT DATA SHEET

### EKOGREASE SYNTHETIC EM 2

Lithium complex synthetic grease

#### DESCRIPTION

EKOGREASE SYNTHETIC EM 2 is a state-of-the-art synthetic, PAO-based grease thickened by lithium complex soap. It contains antioxidants, corrosion inhibitors and EP/AW additives.

EKOGREASE SYNTHETIC EM 2 is particularly recommended for very low or high temperature operations as well as use in environments including humidity and corrosive factors.

#### SPECIFICATIONS

DIN 51502 KPHC2N-40, ISO 6743/9 L-XEGB2.

#### APPLICATIONS

- Suitable for automotive lubrication and industrial uses.
- It is ideal for bearing lubrication, even in extremely high or low temperature conditions.

#### ADVANTAGES

- Thanks to its lithium complex soap and the low viscosity of its synthetic base fluid, this product is suitable for bearings carrying heavy loads and operating at moderate and high speeds.
- Lithium complex soap provides the product with increased mechanical stability, thus extending relubrication intervals and boosting performance even at high bearing vibration levels.
- A specially formulated blend of additives ensures increased resistance to vibration and shock loads and increased heavy load carrying capacity.



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### TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKOGREASE SYNTHETIC EM 2
Soap Base	-	-	Lithium Complex
Colour	Visual Inspection	-	Light brown
NLGI	ASTM D217	-	2
Base Fluid	-	-	PAO
Base Fluid Viscosity at 40°C	ASTM D445	cSt	100
Worked Penetration, 60 strokes	ASTM D217	mm <sup>-1</sup>	265-295
Dropping Point, min	ASTM D2265	°C	260
4-ball test, weld load	ASTM D2596	N	3090
4-ball test, WP	ASTM D2596	kgf	315
4-ball test, LWI	ASTM D2596	-	37
4-ball test, scar diameter	ASTM D2266	mm	0.50
Water Resistance	DIN 51807	-	0-90
Water Washout	ASTM D1264	% wt	<10
SKF Emcor salt water	DIN 51802	-	0-0
Operating Temperature	-	°C	-40°C to +150°C, max 220°C

### HEALTH AND SAFETY

Protect the environment while disposing of used product.

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This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511.  
Advice on safe handling is provided in the Safety Data Sheet.