



## TECHNICAL SPECIFICATIONS



### EKOGREASE SYNTHETIC EM 2

*Premium synthetic lithium complex grease*

#### DESCRIPTION

EKOGREASE SYNTHETIC EM 2 is a synthetic grease formulated with a polyalphaolefin base stock and a lithium complex thickener.

#### SPECIFICATIONS

DIN 51502 KPHC2N-50

#### APPLICATIONS

EKOGREASE SYNTHETIC EM 2 grease is recommended for many applications in a wide temperature range within -50°C to +140°C, up to 200°C with more frequent regreasing intervals. Due to low viscosity of base oil, it is specially recommended for high speed applications such as electric motor bearings.

#### BENEFITS

- Excellent high temperature performance
- Superb anti-ageing resistance
- Excellent anti-wear properties
- Highly adhesive to metal surfaces leading to less leakages
- Superb resistance to water wash-out
- Very good rust and corrosion resistance

The information provided from this data sheet is accurate as of the date printing. For more information/ clarifications, please contact EKO ABEE Technical Support.

Tel. + 30 210 5509 511 and +30 210 7725 418.

For recommendations on safe handling and use of this product, please refer to Safety Data Sheet.



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#### TYPICAL PROPERTIES

Consistency	NLGI		2
Base oil type		-	Polyalphaolefin
Base fluid viscosity @ 40°C	ASTM D 445	cSt	100
Dropping point	ASTM D 566	°C	>250
Worked Penetration (60strokes), @ 25° C	ASTM D 217	mm-1	250-265
Oxidation Stability	DIN 51808	bar	max 5
Oil Separation, 18h, 40°C	DIN 51817	%	<2
Roll Stability	ASTM D1831	mm-1	(-15)- (+60)
Water Resistance, Eval Stage	Din 51807-1	%	max 3
TIMKEN OK load test (Lbs)	ASTM D 2509	lbs	75
4 ball wear test	DIN 51350-4	N	2600
Rust Protection	ASTM D 1743	-	pass

#### HYGIENE AND SAFETY

Used lubricants must be collected in an authorized collection area. They must not be mixed with solvents, water, brake fluids and antifreeze. Do not dispose into drains, soil or water.

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