



## PRODUCT DATA SHEET



### EKOGREASE MOLY 2

Lithium grease containing molybdenum disulphide and graphite

#### DESCRIPTION

EKOGREASE MOLY 2 is a lithium grease enhanced with molybdenum disulphide (MoS<sub>2</sub>) and graphite (total solid content 3%). It contains antioxidants, corrosion inhibitors and EP/AW additives.

#### SPECIFICATIONS

DIN 51502 KPF2K-30, ISO 12924 L-XC (F) CHB2.

#### APPLICATIONS

- EKOGREASE MOLY 2 is a multi-purpose, "moly"-type grease, suitable for the lubrication of rolling-element and plain bearings in vehicles and earth-moving equipment.
- It is suitable for a vast array of industrial applications requiring high load carrying capacity grease.
- The combination of molybdenum disulphide and graphite awards extra protection at low speed operations comprising heavy or shock loads.
- This product is particularly recommended for operations where vibration or oscillation are liable to shake grease off lubricated surfaces.
- It is ideal for the lubrication of mechanical parts subjected to severe wear conditions as well as for operations where lubrication is infrequent.
- As any solid-containing grease, EKOGREASE MOLY 2 is not suitable for roller bearings operating at high speeds.

#### ADVANTAGES

- Increased resistance to heavy loads.
- Optimal protection against corrosion.
- High mechanical stability and surface adhesion.
- May be used in high humidity environments.

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 5509511 and + 30 210 7725418. Advice on safe handling is provided in the Safety Data Sheet.



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### TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKOGREASE MOLY 2
Soap base	-	-	Lithium
Base oil	-	-	Mineral oil
Colour	Visual Inspection	-	Dark Grey
NLGI	ASTM D217	-	2
Dropping point	IP 396	°C	>180
Base oil viscosity at 40°C	ASTM D 7152	cSt	110
Penetration 60 strokes	ISO 2137	mm <sup>-1</sup>	265-295
Water resistance at 90°C	DIN 51870/1	-	0-90
Washout resistance at 38°C	ISO 11009	%	<10%
4-Ball weld load	DIN 51350:4	N	3200
SKF Emscor distilled water	ISO 11007	-	0-0
Flow pressure 30°C	DIN 51805 mod	mbar	<1400
SKF R2F B at 120°C	SKF	-	Pass
Density	IP 530	g/cm <sup>3</sup>	910
Operating temperature	-	°C	-30°C to +120°C, max. +130°C

### HEALTH AND SAFETY

Protect the environment while disposing of used product.

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