



## TECHNICAL SPECIFICATIONS



### EKOGREASE MOLY 2 Multipurpose <<moly>> grease

#### DESCRIPTION

EKOGREASE MOLY 2 is a lithium thickened lubricating grease based on mineral oil, with antioxidants, corrosion inhibitors, EP/AW additives and 3% solids (molybdenum disulfide and graphite).

#### SPECIFICATIONS

DIN 51502 KPF2K-30, ISO 6743 ISO –L-XCCIB2

#### APPLICATIONS

EKOGREASE MOLY 2 is a multipurpose <moly> grease suitable for a number of applications in vehicle lubrication, in lubrication of equipment used in constructions and mining and for many industrial applications. EKOGREASE MOLY 2 is suitable for applications where speeds are low or loads are heavy and oscillatory. It is particularly recommended for applications where vibrations or oscillations may cause the ejection of grease from the greasing surfaces. It is also the right choice for the lubrication of mechanical units with a high degree of wear and in applications where lubrication is infrequent, as the combination of molybdenum disulfide and graphite provides extra lubrication protection.

Like all greases containing solids, EKOGREASE MOLY 2 is not suitable for high speed bearings. The recommended operating temperature range for EKOGREASE MOLY 2 is from -30°C up to +130°C.

#### BENEFITS

- Good corrosion protection.
- High load carrying capacity.



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#### TYPICAL PROPERTIES

Property	Method	Unit	EKOGREASE MOLY 2
Thickener			Lithium
Base Oil			Mineral Oil
Colour	Visual	-	Dark grey
NLGI Grade	ASTM D217		2
Dropping point	IP 396	°C	>180
Base oil viscosity at 40°C	ISO 12058	cSt	110
Penetration (60strokes) at 25° C	ISO 2137	mm-1	265-295
Penetration, (100.000 strokes)	ISO 2137	mm-1	+30
Copper Corrosion 24h/100°C	ASTM D4048	-	1b
Water resistance	DIN 51807/1	-	0-90
Oil separation, 168h/40°C	IP 121	%	5
4 ball weld load	DIN 51350:4	N	3200
4 ball wear scan (1h at 400N)	DIN 51350:5	mm	0,5
Approximate density at 20°C	IPPM-CS/03	gr/ml	0,94
Operating Temperatures		°C	-30°C to +120°C, max +130 °C

#### 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.

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

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