

# Product Information

MOVING YOUR WORLD



## STABYL MO 500

Multi-purpose grease containing solid lubricants, with good EP properties

### Performance Features

- temperature range: -25 / +120 °C, short-term up to +140 °C
- excellent EP properties
- good wear resistance
- excellent run-dry lubrication
- good water resistance



roller bearings



plain bearings



EP properties



construction machinery

### Description

STABYL MO 500 is a lithium-soap mineral oil-based grease containing MoS<sub>2</sub> as a solid lubricant in addition to oxidation and corrosion inhibitors, which provide high stability.

### Field of application

STABYL MO 500 is used for the lubrication of any kind of plain and roller bearings subjected to high constant mechanical loads, increased temperatures and unfavourable friction conditions, e.g. in general engineering, in the chemical, iron, steel, construction machinery, including slew ring raceway/toothings, and automotive industries.

### Method of application

STABYL MO 500 is applied manually with suitable grease guns or via centralized lubrication systems.

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## Note

STABYL MO 500 is approved by Zeppelin-Caterpillar.

## Technical Data: STABYL MO 500

Characteristics	Value	Unit	Test Method
Reference	KPF2-3K-25		DIN 51502
Color	grey-black		
Temperature range	-25 / +120	° C	DIN 51825
short term up to	+140	° C	
Base oil	min		
Thickener	Li		
Solid lubricants	MoS2		
Base oil viscosity [40°C]	110	mm²/s	DIN 51562-1
NLGI grade	2-3		DIN 51818
Dropping point	190	° C	DIN ISO 2176
Water resistance	1-90	rating	DIN 51807-1
EMCOR [dist. Water]	0/1	rating	DIN 51802
Four Ball Test welding load	2600/2800	N	DIN 51350-4

LV = Laboratory Specification

Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

We are specialized in developing products for extreme tribological problems in cooperation with end users.

FUCHS LUBRICANTS GERMANY provides service and individual advice. Please contact us!

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