

STABYL L-TS MO

High performance, lithium soap grease containing solid lubricants

Performance Features

- temperature range: -30 / +140 °C, short-term up to +150 °C
- high resistance to ageing and oxidation
- good thermal stability
- excellent worked stability
- excellent adhesion
- very good corrosion protection
- good emergency lubrication characteristics



roller bearings



plain bearings



EP properties



anticorrosive

Description

STABYL L-TS MO is a lithium soap grease composed of a semi-synthetic base oil. In addition to additives to increase the ageing resistance, it contains an additive package especially improving EP characteristics and ensuring an excellent corrosion protection.

Field of application

STABYL L-TS MO is particularly suited for all plain and roller bearings subjected to high dynamic loads. The combination of its stringiness and the extraordinary adhesion allows a very long grease life. Regreasing intervals can be significantly extended when using STABYL L-TS MO.

Method of application

STABYL L-TS MO is suitable for initial filling or regreasing using the usual methods (central lubrication systems,

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grease guns).

Note

STABYL L-TS MO is approved for underground applications by the Upper Mining Authority of North Rhine-Westphalia in Dortmund "Landesoberbergamt Nordrhein-Westfalen" (approval ID: 12.22.63-3-13).

Technical Data: STABYL L-TS MO

Characteristics	Value	Unit	Test Method
Reference	KPF2N-30		DIN 51502
Color	black		
Temperature range	-30 / +140	° C	DIN 51825
short term up to	+150	° C	
Base oil	semisyn		
Thickener	Li		
Solid lubricants	MoS2		
Base oil viscosity [40°C]	800	mm²/s	DIN 51562-1
NLGI grade	2		DIN 51818
Dropping point	190	° C	IP 396
Water resistance	1-90	rating	DIN 51807-1
Sea water resistance	1-90	rating	DIN 51807-1
Flow pressure [20 °C]	<80	hPa	DIN 51805
Flow pressure [-30°C]	<1,200	hPa	DIN 51805
EMCOR [dist. Water]	0/0	rating	DIN 51802
Four Ball Test welding load	3,000	N	DIN 51350-4
wear [D/E procedure]	0.85/0.5	mm	DIN 51350-5
TIMKEN OK-load	50	lbs	ASTM D 2509
qualitative rating	very good		
FAG-FE 8 test [ang. cont ball 7.5 min-1/80 kN]	<5	mg	E DIN 51819
FAG-FE 9 test A/1500/6000-120	F10>500,F50>500	h	DIN 51821
FAG-FE 9 test A/1500/6000-140	F10=135,F50=200	h	DIN 51821

LV = Laboratory Specification

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

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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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