

STABYL HD

EP grease for highly loaded plain and roller bearings operating under extreme conditions

Performance Features

- temperature range: -10 / +120 °C
- high resistance to aging
- excellent emergency lubrication
- good pressure absorption due to the high base oil viscosity
- protects against corrosion
- reduces wear



corrosion
protection



low-speed
roller bearings



plain bearings



EP properties

Description

STABYL HD is a heavy-duty lithium soap grease containing a highly viscous base oil and wear-reducing EP additives and solid lubricants.

Field of application

STABYL HD is primarily used in heavy equipment engineering, e.g. to lubricate large, low-speed roller bearings (self aligning roller bearings) in roller mills and presses and plain bearings subject to high surface pressures. This product is approved by KHD Humboldt Wedag International, Koyo Australia, Loesche, Maschinenfabrik Köppern, Outotec, and ThyssenKrupp Industrial Solutions AG.

Method of application

STABYL HD is mainly applied via centralized lubrication systems.

Product Information



LUBRITECH
Special Application Lubricants

Technical Data: STABYL HD

Characteristics	Value	Unit	Test Method
Reference	KPF2K-10		DIN 51502
Colour	grey-black		
Temperature range	-10 / +120	° C	DIN 51825
Base oil	min		
Thickener	Li		
Solid lubricants	MoS ₂ , C		
Base oil viscosity [40°C]	1000	mm ² /s	DIN 51562-1
NLGI grade	2		DIN 51818
Dropping point	190	° C	DIN ISO 2176
Water resistance	1-90	rating	DIN 51807-1
Flow pressure [20 °C]	appr. 120	hPa	DIN 51805
Flow pressure [-15 °C]	< 1400	hPa	DIN 51805
Copper strip test	1-100	rating	DIN 51811
EMCOR [dist. Water]	0/1	rating	DIN 51802
Four Ball Test welding load	3600/3800	N	DIN 51350-4

LLS = LUBRITECH 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. 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 LUBRITECH provides service and individual advice. Please contact us!
E-Mail: info@fuchs-lubritech.de

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