

STABYL AX 2

Mineral oil-based aluminium-complex grease with very good EP and high temperature properties

Performance Features

- temperature range: -20 / +150 °C, short-term up to +180 °C
- excellent pressure absorbing capacity
- good wear protection
- very good thermal and ageing stability
- good resistance to water
- reliable corrosion protection
- thermally and mechanically re-versible
- good work stability



guides



roller bearings



plain bearings



EP properties



high
temperatures

Description

STABYL AX 2 is a mineral oil-based aluminium-complex grease with very good EP and high temperature properties. It is a universal grease for a broad range of applications including maximum specific loads, elevated and considerably fluctuating temperatures.

Field of application

STABYL AX 2 is employed for the greasing of plain and roller bearings, guides subjected to extreme loads, very high and considerably fluctuating temperatures in, for example, the raw materials industry, chemical industry, iron and steel industry, general engineering, crushing and grinding mills, sintering plants, calenders, extruders, vibrating screens (hot and cold), earth moving machinery, etc.

Product Information



LUBRITECH
Special Application Lubricants

Method of application

STABYL AX 2 is applied manually with suitable grease guns or via centralized lubrication systems.

Note

STABYL AX is also available in NLGI grade 1.

Technical Data: STABYL AX 2

Characteristics	Value	Unit	Test Method
Reference	KP2P-20		DIN 51502
Colour	brown		
Temperature range	-20 / +150	° C	DIN 51825
short term up to	+180	° C	
Base oil	min		
Thickener	Al-X		
Base oil viscosity [40 °C]	320	mm²/s	DIN 51562-1
NLGI grade	2		DIN 51818
Dropping point	270	° C	DIN ISO 2176
Water resistance	1-90	rating	DIN 51807-1
Oil separation [40 °C, 7 d]	3	%	DIN 51817
Flow pressure [0 °C]	260	hPa	DIN 51805
Flow pressure [-10 °C]	800	hPa	DIN 51805
Copper strip test	1-120	rating	DIN 51811
EMCOR [dist. Water]	0/0	rating	DIN 51802
Four Ball Test welding load	3000/3200	N	DIN 51350-4
TIMKEN OK-load	40	lbs	ASTM D 2509
FAG-FE 8 test [ang. cont ball 75 min-1/80 kN]	<3	mg	E DIN 51819
qualitative rating	very good		

LLS = LUBRITECH Laboratory Specification
Typical for current production. Variations in these characteristics may occur.

Product Information



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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 LUBRITECH provides service and individual advice. Please contact us!
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