

STABYL 300 AL 2

Graphite-containing 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
- high thermal and ageing stability
- good resistance to water
- reliable corrosion protection
- thermally and mechanically reversible
- good working stability



roller bearings



plain bearings



EP properties



high
temperatures

Description

STABYL AL 2 is a graphite-containing, 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 AL 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

MOVING YOUR WORLD



Method of application

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

Technical Data: STABYL 300 AL 2

| Characteristics | Value | Unit | Test Method |
|-----------------------------|------------|--------|-------------|
| Reference | KPF2P-20 | | DIN 51502 |
| Color | grey-black | | |
| Temperature range | -20 / +150 | ° C | DIN 51825 |
| short term up to | +180 | ° C | |
| Base oil | min | | |
| Thickener | Al-X | | |
| Solid lubricants | C | | |
| Base oil viscosity [40°C] | 320 | mm²/s | DIN 51562-1 |
| NLGI grade | 2 | | DIN 51818 |
| Dropping point | >230 | ° C | IP 396 |
| Water resistance | 1-90 | rating | DIN 51807-1 |
| Oil separation [40 °C, 7 d] | 3 | % | DIN 51817 |
| Flow pressure [0 °C] | 250 | hPa | DIN 51805 |
| Flow pressure [-10 °C] | 700 | hPa | DIN 51805 |
| Copper strip test | 1-120 | rating | DIN 51811 |
| Four Ball Test welding load | 2400/2600 | N | DIN 51350-4 |
| TIMKEN OK-load | 40 | lbs | ASTM D 2509 |

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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