

CONSTANT GLY 2100

Synthetic impregnating fluid for sintered metal plain bearings



Your benefits at a glance

- Longer component life due to good ageing resistance and thermal stability
- Smooth-running fluid
- Good low-temperature behaviour prevents creaking noises
- Extended bearing life due to reduced starting-up wear
- Enables energy savings due to low starting and running torques
- Excellent ageing stability due to low internal heating even at high speeds
- Versatile uses due to good compatibility with elastomers
- Additional wear protection due to matching soap

Your requirements - our solution

As bearings are repeatedly started and stopped, their speed varies or their sense of rotation is continuously reversed, the hydrodynamic oil film in the friction point will collapse at intervals. If this goes on for a certain period of time, premature wear will be the consequence. To reduce this effect, CONSTANT GLY 2100 contains an additional soap such that mixed friction is largely prevented.

The advanced speciality lubricant design provides lifetime lubrication over a wide service temperature range, with added reserve capacity for low temperatures.

The excellent anticorrosive effect of CONSTANT GLY 2100 fluid enables trouble-free operation of both iron and bronze bearings.

Application

CONSTANT GLY 2100 is intended for the lubrication of sintered metal plain bearings used in precision engineering, electrical engineering, the automotive sector and household appliances.

Application notes

The pores of sintered metal plain bearings are filled with CONSTANT GLY 2100 by means of vacuum immersion.

The fluid should not be filtered too finely. For a longer service life, the ready-to-use product MIKROZELLA G8 OY K can be applied to the circumference of the bearing by means of conventional, fully automatic lubricating systems. We recommend conducting a metering test in the original dosing device under practical operating conditions.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

| Pack sizes | CONSTANT GLY 2100 |
|--------------|-------------------|
| Canister 1 l | + |
| Bucket 25 l | + |
| Drum 200 l | + |
| Drum 160 kg | + |

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| Characteristics | CONSTANT GLY 2100 |
|--|--------------------------------|
| Article number | 028049 |
| Colour space | brown |
| Texture | homogeneous , very viscous |
| Service temperature, lower limit | -40 °C |
| Service temperature, upper limit | 140 °C |
| Density, DIN 51757, 20°C | approx. 0.83 g/cm ³ |
| Refractive index, DIN 51423-2 / ASTM 1218, 20°C | approx. 1.464 |
| Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C | approx. 9 mm ² /s |
| Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C | approx. 55 mm ² /s |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. | 24 months |

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 90 years.

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