

# AMBLYGON TA 15-2

Special grease for long-term lubrication and high temperatures



## Benefits for your application

- Versatile grease for many applications subject to high loads
- Long service life even when exposed to high temperatures or aggressive media
- Long service life due to the high resistance to water and water vapour
- Long service life due to the excellent adhesion to the friction points
- Improved sealing effect due to high adhesion
- Low maintenance due to good corrosion protection

## Description

AMBLYGON TA 15/2 is a long-term and high-temperature lubricating grease based on mineral oil and polyurea. This lubricating grease is used for long-term or lifetime lubrication in the machine-building sector covering a wide service temperature range up to 150 °C. AMBLYGON TA 15/2 offers good adhesion, resistance to hot and cold water and diluted alkaline and acid solutions. AMBLYGON TA 15/2 is resistant to oxidation and ageing and protects against corrosion.

## Application

AMBLYGON TA 15/2 lubricates bearings and joints subject to high temperatures and loads, for example in

- conveyors
- kilns (rotary tubular kilns)
- water pumps
- hot rollers
- tarmac laying machines
- gate valves
- seals

- washing machines and dishwashers
- impact mechanism in power tools
- joints, hinges
- king pins

AMBLYGON TA 15/2 is also used in combination with mineral-oil-resistant elastomer seals.

## Application notes

Prior to series application we recommend checking compatibility with elastomers, if possible in the component under conditions similar to actual use.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	AMBLYGON TA 15/2
Tube 45 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	AMBLYGON TA 15/2
Article number	020109
Chemical composition, thickener	polyurea
Chemical composition, type of oil	mineral oil



# AMBLYGON TA 15-2

Special grease for long-term lubrication and high temperatures

Product data	AMBLYGON TA 15/2
Lower service temperature	-20 °C / -4 °F
Upper service temperature	150 °C / 302 °F
Density at 20 °C	approx. 0.93 g/cm <sup>3</sup>
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 220 mm <sup>2</sup> /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 18 mm <sup>2</sup> /s
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	285 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	315 x 0.1 mm
Speed factor (n x dm)	approx. 350 000 mm/min
Flow pressure of lubricating greases, DIN 51805, test temperature: -20 °C	<= 1 400 mbar
Oil separation, DIN 51817 N, after 7 d/40 °C	<= 5 % by weight
Drop point, DIN ISO 2176	>= 220 °C
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating	0 - 90
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 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 80 years.

**Klüber Lubrication München SE & Co. KG /  
Geisenhausenerstraße 7 / 81379 München / Germany /  
phone +49 89 7876-0 / fax +49 89 7876-333.**

The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

Publisher and Copyright: Klüber Lubrication München SE & Co. KG. Reprints, total or in part, are permitted only prior consultation with Klüber Lubrication München SE & Co. KG and if source is indicated and voucher copy is forwarded.



a company of the Freudenberg Group