AMBLYGON TA 15-2

Special grease for long-term lubrication and high temperatures

Your benefits at a glance

- 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

Your requirements - our solution

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. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	AMBLYGON TA 15/2
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+
Bucket 50 kg	+
Drum 180 kg	+

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Characteristics	AMBLYGON TA 15/2
Article number	020109
Composition, thickener	polyurea
Composition, type of oil	mineral oil
Service temperature, lower limit	-20 °C
Service temperature, upper limit	150 °C
Density, Klüber method: PN 024, 20°C	approx. 0.93 g/cm³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	285 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	315 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 18 mm²/s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 220 mm²/s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Oil separation, DIN 51817 N, 168 h, 40°C	≤ 5 % by weight
Flow pressure, DIN 51805-2, -20°C	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 220 °C
Speed factor (n x dm)	approx. 350000 mm/min
Water resistance, DIN 51807-1, 3 h, 90°C	0 - 90 rating
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 90 years.

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