AMBLYGON TA 30/1, TA 30/2

Special greases for long-term lubrication and high temperatures

Your benefits at a glance

- Good resistance to ambient media, water and water steam
- Good corrosion protection
- Good adhesion
- Good sealing effect

Your requirements - our solution

AMBLYGON TA 30/1 and TA 30/2 are long-term and high-temperature lubricating greases based on mineral oil and polyurea.

These lubricating greases are used for long-term lifetime lubrication in the machine-building sector covering a wide service temperature range up to 160 °C. AMBLYGON TA 30/1 and TA 30/2 offer good adhesion, resistance to hot water and diluted alkaline and acid solutions.

AMBLYGON TA 30/1 and TA 30/2 are resistant to oxidation and ageing and protect against corrosion.

Application

AMBLYGON TA 30/1 and TA 30/2 lubricate bearings and joints subject to high loads and temperatures, for example in:

- conveyors
- rollers in continuous casting machines
- kilns (rotary tubular kilns)
- water pumps
- hot rollers
- tarmac laying machines
- gate valves
- seals
- washing machines and dishwashers
- impact mechanisms in power tools
- wheel bearings, joints, hinges
- king pins
- fully enclosed rolling bearings
- block presses

AMBLYGON TA 30/1 and TA 30/2 are 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 30/1	AMBLYGON TA 30/2
Cartridge 400 g		+
Can 1 kg	+	+
Bucket 25 kg	+	+
Drum 180 kg	+	+

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Characteristics	AMBLYGON TA 30/1	AMBLYGON TA 30/2
Article number	020157	020133
Composition, thickener	polyurea	polyurea
Composition, type of oil	mineral oil	mineral oil
Service temperature, lower limit	-20 °C	-15 °C
Service temperature, upper limit	160 °C	160 °C
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	310 0.1 mm	285 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	340 0.1 mm	315 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 32 mm²/s	approx. 32 mm²/s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 500 mm²/s	approx. 500 mm²/s
Dropping point, DIN ISO 2176 / IP 396	≥ 220 °C	≥ 250 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months	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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