

Klüber K 01-601

Pressure testing and preservation fluid



Benefits for your application

- Water-miscible fluid for pressure testing and preservation
- Good anticorrosion properties
- Rapidly biodegradable in acc. with DIN 38 412, pt. 25
- Compatible with NBR, EPDM, SBR and FPM elastomers

Description

Klüber K 01-601 is a water-miscible fluid on the basis of polyglycols and surfactants. It is suitable for pressure testing and preserving pumps and other pressure vessels used in heating and sanitary installations. Klüber K 01-601 has good anticorrosion properties and is compatible with elastomers such as NBR, EPDM, SBR and FPM. According to DIN 38 412 pt. 25, "Testing Procedures Using Water Organisms" (EN 29888), group L (comparable with OECD 301 B), Klüber K 01-601 is rapidly biodegradable and achieves a degradation level of more than 72% after 13 days as far as its chemically oxidizable constituents are concerned.

Application

Klüber K 01-601 is suitable as a pressure testing fluid for pumps, valves, fire extinguishers and other pressure vessels used in heating and sanitary installations. It also protects metal surfaces reliably against corrosion. Even components in contact with chlorinated water (e.g. centrifugal pumps in public

swimming pools) will not suffer corrosion after an extended standstill period (winter shutdown) when filled with Klüber K 01-601.

Application notes

Klüber K 01-601 is a ready-to-use product. If required, it can be easily mixed with tap water – brief stirring is sufficient. When used as a pressure testing fluid, we recommend diluting the product with water at a ratio of 1:4. If corrosion protection is its primary function, we recommend using Klüber K 01-601 in its undiluted form.

Protect against sunlight and temperatures above 50 °C!

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	Klüber K 01-601
Canister 10 l	+
Drum 200 l	+

Product data	Klüber K 01-601
Article number	045079
Appearance	clear to slightly turbid
Colour space	yellow
Density, DIN 51757, 20 °C	approx. 1.1 g/cm ³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 20 °C	approx. 20 mm ² /s
Klüber corrosion test, material Ck 22, 24 h/90 °C/2 % water	no corrosion



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Corrosion protection behaviour, DIN EN ISO 6270-2, condensation water in alternating atmosphere, 40 °C, material steel ST 37, corrosion after	>= 11 cycles
Pour point, DIN ISO 3016	< -50 °C
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 80 years.

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