

Klübersynth H 46-702

Synthetic special grease for torsion dampers and vibration dampers in vehicle drive trains



Your benefits at a glance

- Special grease tried and tested in series application
- Remains at the friction point even when exposed to high centrifugal forces
- Low oil separation
- Noise-damping during engine start, vehicle start and when operating under load

Your requirements - our solution

As a manufacturer of torsion dampers and/or vibration dampers you are likely to be facing the challenge of providing lifetime lubrication and reliable operation in combination with optimum damping and reduced wear.

The product Klübersynth H 46-702 from Klüber Lubrication offers the ideal solution for such applications. Klübersynth H 46-702 consists of fully synthetic base oils and a special lithium soap. Klübersynth H 46-702 shows good compatibility with frequently used plastic parts and seals.

As we have cooperated with international OEM partners for many years, we have sound and comprehensive expertise to support you with your application.

Application

For-life lubricated torsion dampers, e.g. two-mass flywheels in passenger cars or trucks. Klübersynth H 46-702 has been tested on

series-produced parts under conditions resembling those in the field as well as in the actual applications exposed to high-frequency vibration and high centrifugal forces.

Application notes

Klübersynth H 46-702 can be applied to the friction point by spatula, grease gun and automatic lubricating systems.

The colour of products manufactured using chemical processes may vary due to chemical/physical effects such as UV radiation. However, none of these colour variations is an indicator of altered product quality.

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	Klübersynth H 46-702
Can 1 kg	+
Bucket 25 kg	+
Drum 180 kg	+

Characteristics	Klübersynth H 46-702
Article number	012270
Composition, thickener	lithium complex soap
Composition, type of oil	polyalkylenglycol
Colour space	beige

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Characteristics	Klübersynth H 46-702
Texture	fibrous , homogeneous
Service temperature, lower limit	-35 °C
Service temperature, upper limit	160 °C
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	250 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	280 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 110 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 700 mm ² /s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Oil separation, ASTM D6184, based on standard, 30 h, 150°C	≤ 3 % by weight
Flow pressure, DIN 51805-2, -35°C	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 250 °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 90 years.

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