

Klüberlub HE 71-281

Special grease for optimised friction in constant velocity joints



Your benefits at a glance

- Reduced friction resistance enables
 - optimised efficiency due to a special low-friction additive
 - reduced temperature in the joint
- Long component life due to improved wear behaviour
- Reliable operation due to high thermal resistance - short-term peaks up to 160 °C

Your requirements - our solution

Klüberlub HE 71-281 was developed for use in constant velocity joints. It contains special "low-friction" additives enabling high joint efficiency.

The use of synthetic components also enables operation at elevated temperatures.

Application

For constant velocity joints, especially ball designs, in lateral or longitudinal shafts in vehicles

Application notes

Klüberlub HE 71-281 can be applied with standard metering equipment. We recommend conducting a metering test in the

original dosing device under practical operating conditions prior to use.

Elastomer compatibility

The lubricant's compatibility with current bellows materials is very good. Owing to the many different compositions of elastomers and plastics, we recommend checking their compatibility prior to series application.

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	Klüberlub HE 71-281
Can 1 kg	+
Bucket 25 kg	+
Drum 180 kg	+

Characteristics	Klüberlub HE 71-281
Article number	020343
Composition, thickener	polyurea
Composition, type of oil	mineral oil , synthetic hydrocarbon oil
Colour space	beige
Service temperature, lower limit	-35 °C
Service temperature, upper limit	140 °C

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Characteristics	Klüberlub HE 71-281
Service temperature, upper limit, short-time	160 °C
Density, Klüber method: PN 024, 20°C	approx. 0.84 g/cm ³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	310 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	340 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 19 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 230 mm ² /s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Flow pressure, DIN 51805-2, -35°C	≤ 1600 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 220 °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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