

# 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](http://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	+

Product data	Klüberlub HE 71-281
Article number	020343
Chemical composition, type of oil	synthetic hydrocarbon oil
Chemical composition, type of oil	mineral oil
Lower service temperature	-35 °C / -31 °F
Upper service temperature	140 °C / 284 °F
Upper service temperature (short-time: approx. 60 min)	160 °C
Colour space	brown
Density at 20 °C	approx. 0.94 g/cm <sup>3</sup>



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Worked penetration, DIN ISO 2137, 25 °C, lower limit value	310 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	340 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 230 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 19 mm <sup>2</sup> /s
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
Flow pressure of lubricating greases, DIN 51805, test temperature: -35 °C	<= 1 600 mbar
Drop 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 80 years.

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