

# Klüberbeta H 7-500, -1000

Silicone oils for high-temperature applications



## Your benefits at a glance

- High thermal stability, low tendency to ageing, no polymerization
- Good low-temperature behaviour, no significant increase in viscosity at temperatures below zero
- Excellent resistance to aggressive media
- High oxidation resistance, no gumming
- Good wetting power owing to low surface tension
- Compatible with many plastics and elastomers

## Your requirements - our solution

These methyl silicone oils of brownish colour offer excellent thermal stability in a temperature range from 150 °C to max. 200 °C.

### Application

These Klüberbeta oils are used especially on Hymmen double-belt presses for the lubrication of the plastic sealing bars.

Experience has shown that temperatures up to 250 °C are possible with continuous relubrication.

*Further applications:*

- Maintenance and assembly aid for rubber and plastic parts

- Sliding agent for plastic/metal friction pairings.

## Application notes

Klüberbeta H 7 oils can be applied by immersion, spraying, brush or central lubrication systems.

Please see current material safety data sheet.

## 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	Klüberbeta H 7- 500	Klüberbeta H 7-1000
Canister 5 l	+	+
Canister 20 l	+	
Drum 200 l	+	+

Characteristics	Klüberbeta H 7- 500	Klüberbeta H 7-1000
Article number	024113	024112
Composition, type of oil	methyl silicone oil	methyl silicone oil
Colour space	brown	brown
Density, DIN 51757, 25°C	0.97 g/cm <sup>3</sup>	0.96 g/cm <sup>3</sup>
Flash point, DIN EN ISO 2592, Cleveland open cup	≥ 300 °C	≥ 300 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 25°C	approx. 500 mm <sup>2</sup> /s	approx. 1000 mm <sup>2</sup> /s

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Characteristics	Klüberbeta H 7- 500	Klüberbeta H 7-1000
Pour point, DIN ISO 3016	≤ -50 °C	≤ -50 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 months	12 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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