

Klübersynth M 8-220

High-temperature oil for the glass industry



Benefits for your application

- **Lower oil costs due to lower consumption**
- **Lower waste water disposal costs due to excellent water separation ability**
- **Much less machine contamination, hence lower cleaning costs**
- **Smooth machine operation due to good pumpability and precise metering by centralised lubricating systems**
- **Higher machine efficiency due to uninterrupted operation with higher output**
- **Higher machine reliability due to less residue formation**
- **Less machine wear also at high temperatures**
- **No starting-up problems, restart of cooled-down machine 20% to 30% faster thanks to good temperature-viscosity behaviour**
- **Changeover to Klübersynth M 8-220 easy as product is miscible with mineral oil**

Description

Klübersynth M 8-220 is a synthetic high-temperature oil especially developed for machines producing hollow glassware.

Besides the normal temperature range, Klübersynth M 8-220 is especially suitable for the high-temperature range because its evaporation loss at elevated temperatures is very low.

The product has good penetration properties and forms a lubricant film very quickly.

Klübersynth M 8-220 is free from solids, which helps to avoid sedimentation.

In addition, Klübersynth M 8-220 is suitable for conveyor and cross belt chains which are lubricated by means of oil spray systems, drip oilers, centralised lubrication system, or by hand (oil feeder/brush).

Application notes

Keeping the friction point always covered with Klübersynth M 8-220 ensures good wear protection and prevents impeded operation and residues. To achieve optimum efficiency it is important not to mix Klübersynth M 8-220 with other oils.

Application

Klübersynth M 8-220 is suitable for all IS machines. It can be used for all friction points in the normal and high-temperature sections which are lubricated through a centralised lubrication system.

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 M 8-220
Drum 200 l	+



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Product data	Klübersynth M 8-220
Article number	002134
Upper service temperature	250 °C / 482 °F
Appearance	clear
Colour space	yellow
Density, DIN 51757, 20 °C	approx. 0.87 g/cm ³
Viscosity index, DIN ISO 2909	approx. 130
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C, lower limiting value	21 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C, upper limiting value	26 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C, lower limiting value	190 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C, upper limiting value	230 mm ² /s
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 240 °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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