

Klübersynth[®] MZ 4-17

Lubricating and corrosion protective oil
with good low-temperature properties



Description

Klübersynth MZ 4-17 is a fully synthetic lubricating and corrosion protective oil with good low-temperature properties. Apart from protecting against corrosion even when subjected to salt water Klübersynth MZ 4-17 shows good antiwear properties.

Application

Klübersynth MZ 4-17 is especially suitable for the preservation of rolling bearings prior to lubrication with synthetic lubricants. Furthermore, this product can be used as a corrosion protective agent on machines, installations and components in cold storage houses, aviation and navigation.

Klübersynth MZ 4-17 has proven successful for tools, hunting and sporting weapons. Due to its good antiwear properties it can also be used as a lubricating oil.

The relatively low viscosity at low temperatures improves the smooth running of components and machine elements.

Application notes

Klübersynth MZ 4-17 is applied by drip-feed lubrication, automatic lubrication systems, oil feeder or by brush.

Minimum shelf life

The minimum shelf life is approx. 60 months if the product is stored in its unopened original container in a dry and cool place.

Pack size

20 l sheet metal canister

Klübersynth MZ 4-17

- Fully synthetic
- Good low-temperature behaviour
- Good corrosion protection even when subjected to salt water
- Good wear protection
- Supports smooth running at low temperatures
- Free from solvents
- Meets the requirements of BW-TL 9150-078 and NATO code S 761

Product data

Base	Ester oil, synthetic hydrocarbon oil
Colour	brown
Service temperature range*, °C, approx.	- 50 to 150
Density, DIN 51 757 (ASTM-D 1298) at 20 °C, g/ml, approx.	0.86
Kinematic viscosity, DIN 51 562, part 1 at 40 °C, mm ² /s, min. at - 40 °C, mm ² /s, max.	18 5000
Flash point, DIN ISO 2592 (open cup), °C	> 160
Pour point, DIN ISO 3016, °C, approx.	- 57
Copper corrosion, DIN EN ISO 2160, 3 h/100 °C, corrosion rating	< 3 - 100
Salt spray test with NaCl solution acc. to FTM-STD 791 method No. 4001 at 35 °C, 5% NaCl solution, testing time 72 h, corrosion rating, max.	1

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

The data in this product information is based on our general experience and knowledge at the time of printing and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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