

Klübersynth MZ 6-30

Polar lubricating and corrosion protection oil



Your benefits at a glance

- Good corrosion protection preserving your components prior to series grease application
- Versatile use with various non-polar polymers (EPDM, HDPP and HDPE)
- Flexible use across a wide service temperature range
- Solvent free

Your requirements - our solution

You require corrosion protection for metallic components to be used with polymers like EPDM, HDPP and HDPE without the need to pre-clean the components prior to greasing. Klübersynth MZ 6-30 protects your components reliably against corrosion while offering good compatibility with non-polar polymers.

Klübersynth MZ 6-30 is a fully synthetic lubricating and corrosion protection oil for use across a wide service temperature range.

Application

The product was developed to suit the requirements of the automotive industry regarding a preservation and anticorrosion oil for applications like window lifters, door locks, bowden cables, etc.

Klübersynth MZ 6-30 is a colourless, fully synthetic anticorrosion oil offering good compatibility with plastics, unlike comparable mineral oil-based products. It protects your components prior to application of the operational lubricant.

Klübersynth MZ 6-30 is designed to the requirements of operators wishing to protect against corrosion components later to be used with non-polar polymers like PP, PE or elastomers

like EPDM. Our anticorrosion oil is also compatible with components made of POM (homopolymers and copolymers), PBT or PA 6.6. For these materials, operational lubricants based on polyglycol are preferred, also in combination with metals. Cleaning prior to greasing is unnecessary.

Enhance your benefits by using Klübersynth MZ 6-30 together with our speciality grease Klübersynth MR 96-31 in your series application.

Application notes

Klübersynth MZ 6-30 can be applied by means of drip lubrication, automatic lubricating systems, oil can or brush.

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 MZ 6-30
Canister 5 l	+
Canister 20 l	+
Drum 200 l	+

Product data	Klübersynth MZ 6-30
Article number	047131
Appearance	clear
Chemical composition, type of oil	PAG
Lower service temperature	-45 °C / -49 °F



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Product data	Klübersynth MZ 6-30
Upper service temperature	160 °C / 320 °F
Colour space	yellow
Density, DIN 51757, 20 °C	approx. 0.98 g/cm ³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 30 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 6 mm ² /s
Corrosion protection behaviour, based in DIN EN ISO 6270-2, CH (constant atmosphere) 24 h/40 °C, Rst 2 steel, plates immersed into oil over night, oil let drip off for approx. 7 h	<= slight corrosion
Pour point, DIN ISO 3016	<= -45 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 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.

Klüber Lubrication München SE & Co. KG / Geisenhausenerstraße 7 / 81379 München / Germany / phone +49 89 7876-0 / fax +49 89 7876-333.

The data in this document is based on our general experience and knowledge at the time of publication 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 field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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