

MOTOREX COOL-X

Because we want you, around the world, to experience in full the many benefits of our high-performance spindles, the FISCHER PRECISE-Group is continually working to improve the operating setting. The spindle coolant used plays a key role. Working in conjunction with Swiss lubricant manufacturer MOTOREX AG LANGENTHAL, we have developed a new coolant for high-performance spindles: MOTOREX COOL-X. This ready to use-coolant provides optimum heat dissipation along with lasting protection against corrosion for the spindle and the entire coolant circuit.

Optimum cooling has a positive effect on precision and cost

The cooling of a high-performance spindle has a major impact on its performance, service lifetime and precision. A constant operating temperature not only extends the life of the spindle, it is also a key factor in work quality and performance.

Description

MOTOREX COOL-X is a ready-to-use coolant with corrosion protection for high-speed spindles. The substances it contains passivate the various materials and provide long-term protection against corrosion.

Maintenance and use

Only use COOL-X in undiluted form. Do not add water. Top up with COOL-X when evaporation losses occur.

COOL-X is a low-maintenance, long-life coolant. To achieve maximum service life with optimum protection, we recommend that you carefully read and observe the handling instructions before filling your system with COOL-X for the first time.

Benefits

- ready to use
- low maintenance with long service life up to 2 years
- optimum heat dissipation
- prevents electrochemical corrosion
- protects aluminum and ferrous and non-ferrous metals
- does not attack galvanized parts
- compatible with plastics and polymers commonly used in machine tools

Storage

Store MOTOREX COOL-X in its closed original container at a constant temperature. Cellar storage at 10 – 15 °C is ideal.





MOTOREX SYNERGY PROJECT

At MOTOREX, products that incorporate knowledge gained from the synergies achieved between machine and tool manufacturers, users and MOTOREX are known as Synergy Projects. In the manufacturing sector, they provide the foundation for MOTOREX's success in the increasingly challenging metalworking market.



MOTOREX SPINDLE LUBE

For precision lubrication of the sensitive bearings in motor and high-frequency spindles, we recommend MOTOREX SPINDLE LUBE hyperclean lubricant. SPINDLE LUBE has an ISO 4406 purity rating of 15/13/10.

SPINDLE LUBE products have proven effective in real-life use and are ideal for many types of spindles in diverse applications. Your contact person at FISCHER PRECISE or MOTOREX AG LANGENTHAL will be glad to provide further information.

MOTOREX COOL-X technical data

Properties	Unit	Test according to	Values
Color	–	DIN ISO 2049	fluorescent green
Density at 20 °C	g/ml	ASTM D 4052	1.01
pH value	–	DIN 51785	8.6
Flash point	°C	DIN EN ISO 2592	not applicable
Container sizes	25, 60 and 200 liter	–	–

Water contamination class
Disposal code

WGK1
VeVa/EWC 120109

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