

# COOL-CORE READY

Coolant ready for use, for motor spindle systems  
Formulated for Step Tec

## Description

COOL-CORE READY is used as coolant and an anti-corrosion agent in motor spindle cooling systems, in particular where there is an inadequate supply of clean drinking water available for mixing purposes. The substances it contains passivate the various materials and provide long-term protection against corrosion.

## Advantages

- Prevents electrochemical corrosion
- Protects aluminium, ferrous and non-ferrous metals
- Low-maintenance
- Long-term protection
- Frost-resisting to -30°C

## Service

COOL-CORE READY must be checked periodically in accordance with the spindle- resp. machine manufacturer's specifications. (see maintenance instruction on page 2).  
If COOL-CORE READY is to be used in a system that was previously filled with a product from another manufacturer, the cooling system must first be treated with 3% CS-CLEANER for 48 hours of operation before the fluid is changed.  
For this, please follow the spindle manufacturer's maintenance instructions.

## Application

COOL-CORE READY is ready to use: do not add any water. An average operating temperature of 20 – 25°C will provide very effective long-term protection for elastomers. If the coolant is used under optimal operating conditions while proper maintenance has been performed according to the instructions the coolant's service life may be up to 4 years.

## Attention

Galvanised components or similar materials must not be used either in the cooling system or in the mixing or storage containers.

## Shelf life/Storage conditions

For 48 months after production date at a temperature range between 5°C and 35°C in closed containers. The production date is to be found on the product label.

## Technical data

Properties	Unit	Test according to	Values
Colour			light blue
Density at 20 °C	g/ml	ASTM D4052	1.034
Viscosity at 40 °C	mm <sup>2</sup> /s	DIN 51562-1	1.56
Refractometer factor	% Brix		1.3
pH value			7.5 - 8.5
Working temperature	°C		4-80
Pour point	°C	ASTM D 5950	-30
Working concentration	%		30 - 36

European waste code: VeVA / EWC 120109 / Water hazard class: WGK1

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