

# METALINA E 3203

Water soluble metalworking fluid

## DESCRIPTION

METALINA E 3203 is a fully synthetic water soluble honing and grinding coolant with high detergency and excellent tramp oil rejection. It forms a transparent solution in use.

## APPLICATIONS

METALINA E 3203 is used primarily in the bearing industry for ball finishing, lapping and honing.

The synthetic formula has high detergency for wetting and fines separation with excellent lubricity and rust protection. These properties make the product particularly suitable for fine finishing operations where neat oils are often used.

The product is designed primarily for soft water.

## RECOMMENDATION FOR USE

Lapping and honing 3-5 %

## TYPICAL PHYSICAL PROPERTIES

<i>Concentrate Appearance</i>	<i>Transparent yellow fluid</i>
<i>Specific Gravity @ 20°C</i>	<i>1.07</i>
<i>Refractometer Factor</i>	<i>2.1</i>
<i>Emulsion Appearance</i>	<i>Transparent colourless</i>
<i>pH in Use</i>	<i>9.6-10.3</i>

## BENEFITS

- Rejects tramp oil - Good component visibility with no spoilage of coolant
- Low foam - no antifoam treatments necessary
- Excellent detergency – cleaner parts, machine tools and working environment
- Rapid fines separation - excellent filterability with extended filter life
- Mineral oil, boron, formaldehyde, chlorine and phenol -free - very good EHS profile

## RELATED PRODUCT

Water soluble coolants are complemented by our full range of high quality, speciality production fluids including energy saving wash chemicals, low misting neat cutting oils, non-VOC rust preventives and long life heat treatment fluids. Fluidcare services complete our value added portfolio with a range of expert services and equipment to help reduce costs and improve productivity. For more information, please contact your local Houghton representative.

## STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

## HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

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