

Performance you can trust

## TRI-Logic® FE Maximum Life Cutting Fluid For Ferrous Materials

TRI-Logic® FE is a premium quality water mix cutting fluid designed to be used as part of the Rocol® TRI-Logic® system. It is formulated from a unique blend of specially selected additives to maximise in-sump life. TRI-Logic FE is suitable for light to medium duty cutting and grinding operations on ferrous materials. The semi-translucent emulsion provides excellent workpiece visibility and reduces the “drag out” associated with materials such as cast iron.

The Rocol® TRI-Logic® system is a revolutionary approach to maximising cutting fluid sump life, minimising fluid disposal and reducing costs. For optimum performance TRI-Logic® cutting fluids should be used with TRI-Logic® VG68 slideway oil and, where applicable, TRI-Logic® RTD tapping fluid.

### Features

- Excellent inherent stability – long sump life.
- Ideal for machining cast iron.
- Extends tool life.
- Improves surface finish.
- Low foaming.
- Low odour - pleasant to use.
- Suitable for use in hard and soft water.
- Excellent corrosion protection.
- Optimised for use in the TRI-Logic® system.

### Directions for Use

**Recommended dilution:** TRI-Logic® FE should be used between 30:1 and 40:1 depending on the severity of the operation, workpiece material and water hardness. To ensure dilution accuracy, it is preferable to use a Rocol Automatic Fluid Mixer. It is advisable to use the appropriate Rocol® UULTRAGUARD® Machine Tool Care product at fluid changeovers.

Optimum fluid life is obtained by adequate initial machine cleaning, correct dilution control and regular maintenance of the fluid (particularly prior to weekends and shutdown periods) and full use of the TRI-Logic® system.

T +44 (0) 113 232 2600  
F +44 (0) 113 232 2740  
E [customer-service@rocol.com](mailto:customer-service@rocol.com)  
[www.rocol.com](http://www.rocol.com)

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67  
Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

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## TRI-Logic® FE

<b>Appearance</b>	Clear green liquid forming a semi-translucent emulsion when mixed with water
<b>Odour</b>	Mild
<b>pH</b>	9.4 at 25:1
<b>Density at 20°C</b>	1.00 g/cm <sup>3</sup>
<b>Storage</b>	Store at normal ambient temperature (5 to 30°C)
<b>Pack Sizes – Part Codes</b>	60 ltr - 52154 200 ltr - 52159 1000 ltr - 52155

### Refractometer Calibration:

<b>Dilution ratio</b>	20:1	<b>30:1</b>	<b>40:1</b>	50:1
<b>Refractometer reading</b>	4.4	<b>3.0</b>	<b>2.4</b>	2.1

Date: Jan-09

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