

TRI-Logic® EP Maximum Life Extreme Pressure Cutting Fluid

TRI-Logic® EP 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® EP is suitable for medium to heavy duty cutting operations on a wide range of difficult to machine materials such as stainless steels, nimonics, and titanium. The combination of lubricity and extreme pressure additives extend tool life and promote excellent surface finish.

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.
- Outstanding cutting performance.
- 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® EP should be used between 20:1 and 30:1 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® ULTRAGUARD® 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**.

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BS EN ISO 9001
Certificate No. FM 12448



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The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

Technical Data

ROCOL®

Performance you can trust

TRI-Logic® EP

Appearance	Clear amber liquid forming a white emulsion when mixed with water
Odour	Mild
pH	9.4 at 25:1
Density at 20°C	1.01 g/cm ³
Storage	Store at normal ambient temperature (5 to 30°C)
Pack Sizes – Part Codes	60 ltr - 51894 200 ltr - 51899 1000 ltr - 51895

Refractometer Calibration:

Dilution ratio	15:1	20:1	25:1	30:1	35:1
Refractometer reading	6.5	5.0	4.1	3.3	3.0

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