TECHNICAL DATA

TRI-Logic™ EP

Maximum Life Extreme Pressure Cutting Fluid

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Description

ROCOL **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. ROCOL **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

Outstanding 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: ROCOL **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.

ROCOL Lubricants
ROCOL House, Swillington, Leeds LS26 8BS, England.
Tel: 0113 232 2600 Fax: 0113 232 2760
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for which reason the information in this publication is given without responsibility

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**.

Technical Data (typical values)

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)*

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

Pack sizes and part codes

60 ltr part code 51894
200 ltr part code 51899
1000 ltr part code 51895

Health and Safety

Safety data sheet is available from the Customer Service Department, ROCOL Lubricants, ROCOL House, Swillington, Leeds, LS26 8BS, England.
Telephone: 0113 232 2700, (When calling from outside UK: 44 113 232 2700).
Fax: 0113 232 2760, (When faxing from outside UK: 44 113 232 2760).

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