TECHNICAL DATA

TRI-Logic™ BF

Maximum Life, Boron Free Cutting Fluid

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Description

ROCOL **TRI-Logic BF** 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. In accordance with the latest European trends in health and environmental issues **TRI-Logic BF** is free from boron, amines, and does not require hazard labelling. ROCOL **TRI-Logic BF** is suitable for light to medium duty cutting operations on ferrous and non-ferrous materials.

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**
- **No hazard labelling**
- **Boron and amine free**
- **Suitable for ferrous and non-ferrous materials**
- **Low foaming**
- **Low odour - pleasant to use**
- **Good cutting performance**
- **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 BF** should be used between 10:1 and 20:1 depending on the severity of the operation, workpiece material and water hardness.

ROCOL Lubricants
ROCOL House, Swillington, Leeds LS26 8BS, England.
Tel: 0113 232 2600 Fax: 0113 232 2760
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There are many factors outside our control and knowledge which effect the use and performance of our products
for which reason the information in this publication is given without responsibility

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**.

Technical Data (typical values)

Appearance:	*Clear brown liquid forming an off white emulsion when mixed with water*
Odour:	*Mild*
pH:	*9.0 at 15:1*
Density at 20°C:	*0.97 g/cm^3*
Storage:	*Store at normal ambient temperature (5 to 30°C)*

Refractometer calibration:

Dilution ratio	5:1	**10:1**	**15:1**	**20:1**	25:1
Refractometer reading	13.3	**8.0**	**5.5**	**4.4**	3.7

Pack sizes and part codes

200 ltr part code 51549

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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