

TRI-Logic™ AL Maximum Life Aluminium Cutting Fluid

ROCOL TRI-Logic AL 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 AL is suitable for a wide range of cutting operations on aluminium, it's alloys and other soft, non-ferrous materials. The combination of lubricity additives prevent built-up edge, 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
- Optimum performance on aluminium
- Prevents built up edge
- Extends tool life
- Improves surface finish
- Suitable for use in hard and soft water
- Excellent corrosion protection
- Optimised for use in the TRI-Logic system
- Chlorine Free

Directions for Use

Recommended dilution: ROCOL TRI-Logic AL should be used between 15:1 and 25:1 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
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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™ AL

Appearance	Clear amber liquid forming a white emulsion when mixed with water
Odour	Mild
pH	8.9 at 25:1
Density at 20°C	0.97 g/cm ³
Storage	Store at normal ambient temperature (5 to 30°C)
Pack Sizes – Part Codes	60 ltr – 51884 200 ltr – 51889

Refractometer Calibration:

Dilution ratio	10:1	15:1	20:1	25:1	30:1
Refractometer reading	8.8	6.3	5.1	4.0	3.2

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