

Performance you can trust

TRI-Logic® ALX Maximum Life Cutting Fluid for Aluminium and Aluminium Alloys

TRI-Logic® ALX is a premium quality water mix cutting fluid designed to be used as part of the TRI-Logic® system. It is formulated from a unique blend of specially selected additives to maximise in-sump life. TRI-Logic® ALX is designed for heavy duty machining operations on a wide variety of metals such as steel, stainless steel, aluminium and it's alloys. The combination of lubricity and extreme pressure 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.
- Prevents built up edge.
- Extends tool life – particularly on roll tapping.
- Improves surface finish.
- 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® ALX should be used between 10:1 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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TRI-Logic® ALX

Appearance	Clear amber liquid forming a white emulsion when mixed with water
Odour	Mild
pH	8.8 at 25:1
Density at 20°C	0.98 g/cm ³
Storage	Store at normal ambient temperature (5 to 30°C)
Pack Sizes – Part Codes	60 ltr - 51954 200 ltr - 51959 1000 ltr - 51955

Refractometer Calibration:

Dilution ratio	5:1	10:1	15:1	20:1	25:1	30:1	35:1
Refractometer reading	16.3	9.0	6.2	4.7	3.9	3.0	2.6

Date: Jan-09

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