

TRI-Logic® ATi

Maximum life cutting fluid for aluminium and titanium alloys

Description

TRI-Logic ATi is a water-miscible cutting fluid formulated to provide excellent machining capabilities, optimised for aluminium and titanium alloys, but suitable for a wide range of materials.

TRI-Logic ATi is a mineral oil and boron-free EP metalworking fluid, based on synthetic ester and alternative amines.

Typical Values

Concentrate Appearance..... Clear amber liquid
 Emulsion Appearance..... White liquid
 Odour..... Mild
 pH (25:1 dilution)..... 9.0

Refractometer Calibration	
Dilution Ratio	Refractometer Value
5:1	16.2
10:1	8.5
15:1	5.7
20:1	4.5
25:1	3.3
30:1	2.7

Features & Benefits

- Free from nitrites, chlorine, boron, formaldehyde and mineral oil
- Optimised for cutting performance on aluminium and titanium alloys
- Promotes excellent surface finish, prevents built-up edge and extends tool life, resulting in significant cost savings

Recommended Use Concentrations

TRI-Logic ATi can be used up to a 25:1 dilution ratio.

The refractometer calibration table shows the appropriate value for dilution ratios.

Dilution ratios should be adjusted 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. For manual mixing, always add the concentrate to water at the recommended dilution ratio, stirring continuously.

Storage

TRI-Logic ATi should be stored in a cool, well ventilated area, between 5°C and 30°C in the original container. If stored in accordance with these guidelines, the shelf life is 1 year from date of manufacture.

Further Information

For pack sizes, part codes and safety data sheets please visit www.rocol.com or get in touch with our customer service team who are always happy to help: customer.service@rocol.com

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