

Performance you can trust

ULTRACUT 370I General Purpose Semi-Synthetic Cutting and Grinding Fluid

ROCOL Ultracut 370I is a high dilution, semi-synthetic general purpose water mix cutting and grinding fluid formulated to provide optimum performance at high dilutions on a wide range of ferrous and non-ferrous metals.

The versatility of ROCOL Ultracut 370I enables the user to rationalise to one fluid for both cutting and grinding operations. ROCOL Ultracut 370I is formulated to provide a long and predictable sump life with inherent resistant to degradation. ROCOL Ultracut 370I forms a translucent green micro-emulsion when mixed with water which provides a clear view of the workpiece.

Features

- Multi purpose cutting and grinding fluid
- High dilution - low sump cost
- Inherently resistant to degradation
- Compatible with hard and soft water
- Suitable for most materials
- Tolerant to tramp oil
- Clean to use
- Excellent residual corrosion protection
- Low foaming

Directions for Use

Recommended dilution: ROCOL Ultracut 370I should be used between 10:1 and 20:1 for cutting and between 30:1 and 50:1 for grinding depending on the severity of operation, workpiece material and water hardness. To ensure dilution accuracy, it is preferable to use a ROCOL Automatic Fluid Mixer. For manual mixing, add the concentrate to water at the recommended dilution ratio, stirring continuously.

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 fluid, particularly prior to weekends and shutdown periods.

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BS EN ISO 9001
Certificate No. FM 12448



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ULTRACUT 370I

Appearance	Amber concentrate forming a translucent emulsion
Odour	Mild
pH	9.2 at 20:1
Density at 20°C	1.01 g/cm ³
Storage	Store at normal ambient temperature (10°C to 30°C) Store out of direct sunlight

Refractometer Calibration:

Dilution ratio	10:1	20:1	30:1	40:1	50:1
Refractometer reading	8.3	4.2	2.8	2.1	1.7

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