

# TECHNICAL DATA

## ULTRACUT 370 *Plus*

High Dilution, Semi-Synthetic  
Water Mix Cutting & Grinding Fluid

### Description

ROCOL has improved Ultracut 370 and the new product will now last at least 10% longer in sump whilst retaining all of its traditional benefits. ROCOL Ultracut 370 *Plus* 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 370 *Plus* enables the user to rationalise to one fluid for both cutting and grinding operations. ROCOL Ultracut 370 *Plus* is formulated to provide a long and predictable sump life with inherent resistant to degradation, it also emulsifies tramp oil. ROCOL Ultracut 370 *Plus* forms a translucent green micro-emulsion when mixed with water which provides a clear view of the workpiece.

### Outstanding Features

- Multi purpose cutting and grinding fluid
- An additional 10% in sump life
- 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 370 *Plus* should be used between 40:1 and 60:1 for cutting and between 50:1 and 70:1 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 sump level, particularly prior to weekends and shutdown periods.

### Technical Data

Appearance	: Green concentrate forming a translucent green micro-emulsion when mixed with water
Odour	: Slight
Nitrites	: None
Biocides	: Contains no formaldehyde –releasing biocides
Specific gravity	: 1.0
pH	: 9.5 at 15:1 dilution
Mineral oil	: Contains 25% refined mineral oil
Storage	: 0°C to 40°C. Do not allow to freeze. Store in a cool place out of direct sunlight
Pack Sizes	: 5ltr, 25ltr, 100ltr, 200ltr

### Refractometer readings:

Dilution	Refractometer Reading
30:1	2.1
40:1	1.6
50:1	1.3
60:1	1.1
70:1	0.9