Technical Data

Performance you can trust

ULTRACUT® EVO 250

Long life, operator friendly, water soluble cutting fluid

Product Overview

ROCOL® ULTRACUT EVO 250 is a high quality water soluble cutting fluid formulated to give a long and predictable sump life.

ULTRACUT EVO 250 is designed for light / medium cutting operations on ferrous and non-ferrous metals.

ULTRACUT EVO 250 contains a high percentage of refined mineral oils affording a high degree of residual corrosion protection and lubricity whilst machining.

Features and Benefits

- ULTRACUT EVO 250 provides a long and predictable sump life
- It is suitable for use with a wide range of ferrous and non-ferrous metals
- Excellent residual corrosion protection
- Good cutting performance
- Inherently resistant to degradation
- Low foaming
- Rejects tramp oil
- Ideal for individual and central cutting fluid systems
- Contains no biocides or skin sensitisers
- Pleasant and safe to use.

Directions for Storage and Use

- ULTRACUT EVO 250 should be used between 20:1 and 40:1 depending on the material being machined, the severity of operation and the water hardness.
- To ensure dilution accuracy, it is preferable to use a ROCOL Automatic Fluid Mixer. For manual mixing, add the concentrate to the 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 the fluid, particularly prior to weekends and shutdown periods.
- ULTRACUT EVO 250 should be stored in a cool, well ventilated area, between +5°C and +30°C, in the original container.
- If stored in accordance with the above guidelines, shelf life is 1 year from date of manufacture.

Typical Applications

- Light / medium cutting operations on ferrous and non-ferrous metals.

Pack Sizes

Pack Size	Part Code
5L	51366
20L	51363
55L	51360
200L	51369
1000L	51365

T +44 (0) 113 232 2600
F +44 (0) 113 232 2740
E customer-service@rocol.com
www.rocol.com
ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67
Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

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Property	Result
Appearance:	
Concentrate	**Clear amber liquid**
Mixed with water	**White emulsion**
Odour	**Mild**
pH	**9.4 at 25:1 dilution**
Density at 20°C	**0.95 g/cm^3**

Refractometer Calibration:

Dilution Ratio	10:1	20:1	30:1	40:1	50:1	60:1	70:1
Refractometer Reading	9.5	5.0	3.4	2.6	2.1		

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

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.
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