

Performance you can trust

ULTRACUT® EVO 255

Extreme Pressure Long Life Cutting Fluid

ULTRACUT EVO 255 is an extreme pressure soluble oil water mix cutting fluid, formulated to give a long predictable sump life. It provides extra performance in medium/severe cutting operations on a wide range of ferrous and non-ferrous metals.

The combination of extreme pressure performance and long sump life permits increased machining rates and true cost efficiency.

Features

- Extends tool life.
- Promotes good surface finish.
- Increases production rates.
- Suitable for medium/severe cutting applications.
- Suitable for use with most ferrous and non-ferrous metals.
- Excellent residual corrosion protection.
- Long and predictable sump life.
- 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 Use

Recommended dilution: ULTRACUT EVO 255 should be used between 20:1 and 40:1 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. 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.

Technical Data



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Appearance	Clear amber liquid forming a white emulsion when mixed with water
Odour	Mild
pH	9.4 at 25:1
Density at 20°C	0.95 g/cm ³
Storage	Store at normal ambient temperature (5 to 30°C)
Pack Sizes – Part Codes	5 ltr - 51336 20 ltr - 51333 200 ltr - 51339 1000 ltr - 51335

Refractometer Calibration:

Dilution ratio	10:1	20:1	30:1	40:1	50:1
Refractometer reading	9.8	5.8	3.8	2.8	2.2

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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