

MULTISOL

General Purpose Water Mix Cutting Fluid

Applications

Multisol is a general purpose water mix cutting fluid suitable for use on a wide range of machines and materials. It is designed for light/medium cutting operations on ferrous and non-ferrous metals. It contains a high percentage of refined mineral oils affording a high degree of residual corrosion protection and lubricity whilst machining.

Features and Benefits

- Inhibits corrosion.
- Economical in use.
- Low odour.
- Pleasant and safe to use.

Storage Guidance

Multisol 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

Usage Guidance

Recommended dilution: Multisol should be used between 15:1 and 25:1. Care must be taken to maintain the correct cutting fluid concentration. 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.

Approvals and Certifications

Rolls Royce Non-Metallic Database - **Class A**

Pack Sizes

Part Code	Pack Size
35226	5 L
35223	20 L

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www.rocol.com

ROCOL A Division of ITW Limited
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Registered Company No: 00559693
Registered Office: Saxon House, 2-4 Victoria Street, Windsor, England, SL4 1EN



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Parameter	Test Method	Value
Appearance	N/A	Clear amber liquid forming a white milky emulsion
Odour	N/A	Mild
pH @ 20:1	N/A	9.4
Density at 20°C	ASTM D4052	0.92 gcm ⁻³

Dilution Ratio	10:1	15:1	20:1	25:1	30:1
Refractometer Reading	9.7	7.4	5.4	4.3	3.8

Safety Datasheets

These are available at <https://www.rocol.com/datasheets>. For further assistance, please contact us via the ROCOL website or using the details below.

Note

The information in this Technical Datasheet is informed by our experience and feedback from industry. There are many variables outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. Values quoted are typical and do not constitute a specification.

If you'd like to discuss the suitability of any ROCOL solution for your system, please get in touch.

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