

## RTD® Cleancut Hand Applied Metal Cutting Fluid

### Applications

RTD Cleancut is a specially formulated, hand applied cutting lubricant designed to improve all day to day machining operations - whatever the metal being worked.

RTD Cleancut can be used on a wide range of non-ferrous and ferrous metals, including copper, brass and aluminium, without the risk of staining.

Being oil-free, problems of excessive fuming often associated with oil-based products are overcome, so improving working conditions and preventing acid corrosion of the workpiece.

The low viscosity of RTD Cleancut means that it penetrates quickly, ensuring lubrication at the cutting edge to improve both tool life and surface finish.

### Features and Benefits

- Extends tool life.
- Improves surface finish.
- Can be cut back with water - greater economy.
- Compatible with water mix cutting fluids.

### Usage Guidance

RTD Cleancut can be applied manually directly from the 350g squeeze plastic bottle or oil can, or by brush or by dipping the cutting tool into the liquid.

RTD Cleancut can be diluted up to 1:1 with water for less arduous operations and being totally water soluble, makes cleaning operations simple, safe and economical. It can be used in conjunction with water soluble cutting fluids without causing tramp oil problems and once dissolved into the machine sump, can fortify the existing cutting fluid.

### Storage Guidance

RTD Cleancut 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.

### Approvals and Certifications

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

### Pack Sizes

| Part Code | Pack Size |
|-----------|-----------|
| 53062     | 350 g     |
| 53066     | 5 L       |

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### Hand Applied Metal Cutting Fluid

| Parameter                | Test Method | Value                   |
|--------------------------|-------------|-------------------------|
| Appearance - Concentrate | N/A         | Clear liquid            |
| Odour                    | N/A         | Mild                    |
| pH @ 20:1                | N/A         | 9.2                     |
| Density at 20 °C         | ASTM D4052  | 1.06 g /cm <sup>3</sup> |

### 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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