

## Metalworking: RTD range

The RTD range of hand applied cutting lubricants has a unique formulation, providing superior performance across a range of ferrous and non-ferrous metals.

RTD “doubles tool life” and in some cases can provide up to a 400% increased productivity compared to similar products\*. Laboratory testing has shown that RTD offers up to 5 times more anti-wear protection than other products, extending tool life and improving surface finish ensuring the quality of the finished workpiece.

During the production processes, damage and breakage can mean significant cost increases - using RTD helps to minimise these risks and allows the Precision Engineer to **Cut with confidence.**

### Market Segments

- Metalworking - hand applied lubricants
  - Manufacturing and service workshops
  - Tool rooms
  - Maintenance departments

### Applications

- |                |  |                   |  |                    |   |
|----------------|--|-------------------|--|--------------------|---|
| <b>By Tool</b> | <ul style="list-style-type: none"><li>● Reamers</li><li>● Taps</li><li>● Drills</li><li>● Milling tools</li><li>● Dies</li><li>● Saw blades</li><li>● Broaches</li></ul> | <b>By Machine</b> | <ul style="list-style-type: none"><li>● Pillar drill</li><li>● Centre lathe</li><li>● Auto lathe</li><li>● Milling machines</li><li>● Workshop saw</li><li>● Tap wrench</li><li>● Hand drill</li></ul> | <b>By Material</b> | <ul style="list-style-type: none"><li>● Iron, steel &amp; other ferrous alloys</li><li>● Copper, bronze &amp; brass</li><li>● Titanium, nickel &amp; their alloys</li><li>● Aluminium alloys</li><li>● Magnesium alloys</li><li>● Inconel</li></ul> |
|----------------|--|-------------------|--|--------------------|---|

### Features

- Effective even under severe cutting conditions
- Contains premium EP additives
- Improves surface finish
- Increases swarf removal rates
- Allows greater feed rate and speeds
- Chlorine-free version supports environmental and health and safety requirements
- Range of convenient application forms
  - Compounds, squeeze bottles, sprays

### Benefits

- Switching to RTD can provide an overall reduction in production costs:
  - Minimised tool breakages
  - Improved surface finish
  - Improved productivity rates
  - Reduction in rejected workpieces
  - Reduction in cost of recovery of broken tools
- Wide range to meet workshop requirements, ensuring the right product for the workstation.

### ROCOL Advantage

We use our expertise and experience to design technically advanced premium products, with customer needs at the core.

Our RTD products have been proven to be the most effective reaming, tapping and drilling range on the market for the last 65 years. Our R&D expertise and continuous innovation is recognised by workshop engineers worldwide and no other lubricant offers greater tool protection, guaranteeing you **Performance you can trust.**

\* Based on case histories and industry standard laboratory tests using the the Reichert Wear Test.