

Technical Data

ROCOL[®]

Performance you can trust

RTD LIQUID

Hand Applied Reaming, Tapping & Drilling Lubricant

Description

RTD Liquid is a medium viscosity metal cutting liquid for use in reaming, tapping, drilling and other metal cutting operations.

RTD Liquid is suitable for most metals including hardened steels, nimonic alloys and titanium. Containing extreme pressure additives, **RTD Liquid** significantly reduces friction giving superb cutting performance.

RTD Liquid can also be added to ordinary mineral cutting oil for the most severe cutting operations such as broaching and gear cutting.

Areas of application

- Tapping
- Drilling
- Reaming
- Metal forming
- Broaching

Features

- Flows to cutting edge
- Prolongs tool & die life
- Improves thread and surface finish
- Prevents welding – ideal for difficult metals
- Penetrates into deep holes and slots
- NZFSA Approved C14 (All animal product except dairy)

Technical data

Appearance	Brown Liquid
Operating Temperature Range (°C).....	-10 to 250
Flammability	Non Flammable
Shell '4 Ball'	
Weld Load – neat (kg).....	>800
Wear Load - 5% in all (kg)	315

The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions Of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

Directions for use

RTD Liquid is applied straight to the cutting operation, it is also available in a handy squeeze bottle for ease of use. When used as mineral cutting oil reinforcement, add between 1 and 5 parts of **RTD Liquid** to 100 parts neat mineral cutting oil.

Storage and Shelf Life

Store in indoor dry conditions between 5°C and 50°C, keep away from sources of heat and naked flames. Protect from frost. When stored in original sealed containers, the minimum shelf life is four (4) years.

Packaging

RTD Liquid is available in 500ml, 5 Litre and 20 Litre sizes.

Ordering Information:

500ml Bottle	#RY550171
5 Lt Jerry Cube	#RY550181
20 Lt Cube	#RY560151

Health & Safety Information

The product is non hazardous. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website.

AUSTRALIA

ITW Polymers & Fluids
100 Hassall Street
Wetherill Park NSW 2164
Phone (02) 9757 8800 Fax (02) 9757 3855

NEW ZEALAND

ITW Polymers & Fluids
Unit 2 / 38 Trugood Drive
East Tamaki 2013, Auckland
Phone (09) 272 1945 Fax (09) 273 6489