

Technical Data

ROCOL®

Performance you can trust

ULTRAGRIND 430

Water-Mix Synthetic Grinding Fluid

Description

Ultragrind 430 is a synthetic, nitrite free, water-mix grinding fluid formulated to provide a long, predictable sump life. The transparent liquid gives a good view of the workpiece, is low foaming and ensures rapid settlement of grinding fines.

Ultragrind 430 is designed specifically for multi-purpose grinding applications on light and medium surface and cylindrical operations on all types of grinding wheel.

Areas of application

- Surface and cylindrical grinding
- Abrasive belts

Features

- Provides excellent surface finish
- Keeps wheels open
- Settles fines rapidly
- Provides a long and predictable sump life
- Inhibits corrosion and staining
- Keeps machine clean

Technical data

Appearance	Blue concentrate forming a translucent blue solution
Odour	Slight
Specific Gravity	1.07
pH	9.55 at 15:1
Viscosity at 25°C (cSt)	20
Nitrites	Contains no nitrites

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

Recommended dilution: **Ultragrind 430** should be used at dilution in the range of 30:1 and 60:1 depending on severity of the grinding operation, workpiece material and water hardness. To ensure dilution accuracy, it is preferable to use a Venturi Fluid Mixer. For manual mixing, add the concentrate to water at the recommended dilution ratio, stirring continuously.

It is advisable to use **Rocol® Ultraguard SC** at fluid changeovers. Optimum fluid life is obtained by adequate initial machine cleaning, correct dilution control and regular maintenance of the fluid.

Refractometer calibration:

Dilution ratio	30:1	40:1	50:1	60:1
Refractometer reading	1.6	1.3	1.0	0.8

Storage and Shelf Life

Store in indoor dry conditions between 5°C and 50°C, keep away from sources of heat and naked flames. When stored in original sealed containers, the minimum shelf life is two (2) years.

Packaging

Ultragrind 430 is available in 20 Litre and 205 Litre containers.

Ordering Information:

20 Lt Cube	#RY571471
205 Lt Drum	#RY571472

Health & Safety Information

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

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