

TECHNICAL DATA

ULTRAGRIND PREMIUM

High Performance, Synthetic, Long
Grinding Fluid

Life, Water Mix

Description

ROCOL Ultragrind Premium is a nitrite free, synthetic, water mix grinding fluid containing effective corrosion inhibitors, wetting agents and lubricity additives. Rocol Ultragrind Premium is designed for use with all types of grinding wheels, wet abrasive belts and abrasive cut-off wheels; it is suitable for all surface, centreless and cylindrical grinding operations. Rocol Ultragrind Premium is designed to ensure rapid settlement of grinding fines thus promoting surface finish, and being a transparent liquid, it enables good view of the workpiece.

Outstanding Features

- Promotes excellent surface finish
- Being oil free, keeps wheels clean
- Grinding fines settle out readily giving a flow of clean fluid to the workpiece
- Excellent residual corrosion protection
- Transparent liquid gives clear view of workpiece
- Very low foaming
- Keeps machine clean
- Low odour
- Extended sump life

Directions for use

Recommended dilution: Rocol Ultragrind Premium should be used at between 40:1 and 70:1 dilution depending upon the severity of the grinding operation, workpiece material and water hardness. To ensure dilution accuracy it is preferable to use a Rocol Automatic Fluid Mixer. For manual mixing add the concentrate to water at the recommended dilution ratio, whilst stirring continuously.

It is advisable to use the appropriate Rocol Ultraguard Machine Tool Care product at fluid change overs. Optimum sump life is obtained by adequate initial machine cleaning, correct dilution control and regular maintenance of sump level, particularly prior to weekends and shutdown periods.

continued.....

Technical Data (typical values)

| | | |
|------------------------|--------------------------------|---------------------------------|
| Appearance | : Green concentrate forming | a translucent |
| fluorescent green | | solution when mixed with water. |
| Odour | : Slight | |
| pH | : 9.5 at 50:1 | |
| Viscosity | : 15 cSt at 25°C | |
| Specific Gravity | : 1.10 | |
| Mineral Oil | : None | |
| Nitrites | : None | |
| Storage | : 0°C to 30°C. Do not allow to | requirements |
| freeze. Normal storage | | |
| Pack Sizes | : 5ltr, 25ltr, 100ltr, 200ltr | |

Refractometer readings:

| Dilution | Refractometer Reading |
|----------|-----------------------|
| 30:1 | 1.9 |
| 40:1 | 1.4 |
| 50:1 | 1.1 |
| 60:1 | 0.9 |

Health and Safety

Further Technical Data and Safety Data Sheets are available from the Customer Service Department, Rocol Lubricants, Rocol House, Swillington, Leeds, LS26 8BS, England.
Telephone: 0113 232 2700, (When calling from outside UK: 44 113 232 2700);
Fax: 0113 232 2760, (When faxing from outside UK: 44 113 232 2760).