

Performance you can trust

ULTRAGRIND PREMIUM I High Performance Synthetic Grinding Fluid

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

ROCOL Ultragrind Premium I 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.

Features

- Promotes excellent surface finish
- Being oil free, keeps wheels clean
- Grindings settle out readily giving clean flow of 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 I should be used at between 15:1 and 30:1 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 changeovers. Optimum fluid life is obtained by adequate initial machine cleaning, correct dilution control and regular maintenance of fluid, particularly prior to weekends and shutdown periods.

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BS EN ISO 9001
Certificate No. FM 12448



BS EN ISO 14001
Certificate No. EMS 67596



OHSAS 18001
Certificate No. OHS 78173



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ULTRAGRIND PREMIUM I

Appearance	Amber concentrate forming a translucent solution
Odour	Mild
pH	9.5 at 20:1
Density at 20°C	1.09 g/cm ³
Storage	Store at normal ambient temperature (10°C to 30°C) Store out of direct sunlight

Refractometer Calibration:

Dilution ratio	15:1	20:1	25:1	30:1
Refractometer reading	3.2	2.4	1.9	1.6

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