

ULTRAGRIND™ CARBIDE

High Performance Synthetic Grinding Fluid

ULTRAGRIND™ Carbide is a high performance, long life, low foaming, synthetic water mix grinding fluid formulated specifically for the grinding of cemented tungsten carbide. The transparent emulsion gives a good view of the work piece and being oil-free, ensures rapid settlement of grinding fines.

ULTRAGRIND™ Carbide is suitable for all types of surface, centreless and cylindrical grinding operations on hard metals.

Features

- Inhibits leaching of cobalt.
- Promotes excellent surface finish.
- Keeps the grinding wheel clean.
- Transparent liquid gives clear view of workpiece.
- Excellent residual corrosion protection.
- Low odour.
- Long sump life.

Directions for Use

ULTRAGRIND™ Carbide should be used at between 15:1 and 30:1 dilution depending upon the severity of the grinding operation, work piece 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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The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

Technical Data

ROCOL®

Performance you can trust

ULTRAGRIND™ CARBIDE

Appearance	Green concentrate forming a translucent green solution
Odour	Mild
pH	9.3 at 20:1
Density at 20°C	1.05 g/cm ³
Storage	Store at normal ambient temperature (5°C to 30°C)
Pack Sizes – Part Codes	20 ltr - 51713 200 ltr - 51719

Refractometer Calibration:

Dilution ratio	10:1	15:1	20:1	25:1	30:1	35:1
Refractometer reading	2.6	1.8	1.5	1.2	1.0	0.8

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