

ULTRAGUARD® FLUID CONDITIONER

pH booster for life extension and optimisation of metalworking fluid

Applications

An in-sump additive designed to raise the pH of water-based metalworking fluids, improving fluid performance and longevity.

Features and Benefits

- Used whilst machine is in operation.
- No loss of production time.
- Extends sump life of metalworking fluid.
- No manual mixing needed (providing the machine is in operation)
- Reaches all areas where the metalworking fluid flows.
- Can be used on all types of water-based metalworking fluids

Pack Sizes

Part Code	Pack Size
52003	20L

Usage Guidance

1. Apply the required PPE.
2. Ensure the machine is mixing thoroughly.
3. Calculate the dosage needed. 0.5% vol is recommended. Divide sump volume in litres by 200. This is the volume of ULTRAGUARD FLUID CONDITIONER needed in litres.
4. Measure out the required amount of ULTRAGUARD FLUID CONDITIONER into a measuring jug. If possible, add an equal amount of coolant to the jug and mix.
5. Add the ULTRAGUARD FLUID CONDITIONER mix directly into the sump and stir the top of the sump to disperse.
6. With circulation, ULTRAGUARD FLUID CONDITIONER should take around 6 hours to disperse fully, depending on sump size.

Storage Guidance

ULTRAGUARD FLUID CONDITIONER should be stored in a cool, well-ventilated area, between +5 °C and +30 °C, in the original container. If stored in accordance with the above guidelines, shelf life is 1 year from date of manufacture

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Parameter	Test Method	Value
Appearance	N/A	Brown, Viscous Liquid
Odour	N/A	Mild, amine like
pH	N/A	11.3
Density @ 20°C / gcm ⁻³	ASTM D4052	1.36
Viscosity @ 40°C / cSt	ASTM D445	55.2

Safety Datasheets

These are available at <https://www.rocol.com/datasheets>. For further assistance, please contact us via the ROCOL website or using the details below.

Note

The information in this Technical Datasheet is informed by our experience and feedback from industry. There are many variables outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. Values quoted are typical and do not constitute a specification.

If you'd like to discuss the suitability of any ROCOL solution for your system, please get in touch.

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