

# SARSOL WHITEWATER EP

Last Updated: 09.01.2025  
Product Code: IC0385



SARSOL WHITEWATER EP is a economical boron and formaldehyde free, high oil soluble cutting fluid specially formulated for multi-metal machining capability making it suitable for use with all types of yellow metals including copper and bronze alloys, as well as aluminum and steel alloys.

## **APPLICATION**

Suitable for machining of all metals ferrous and non ferrous, excellent on steel, aluminium and titanium alloys.

## **BENEFITS**

- High oil content.
- Exceptional cooling properties.
- Good anti-corrosion inhibition to ferrous metals.
- EP additives ensure good tool cutting and high quality surface finish.
- Boron, formaldehyde, nitrite and phenol free formulation for optimum operator acceptability.

## **PERFORMANCE PROFILE**

Recommended Metalworking Concentrations

Light Duty	5.0% - 6.0%
Medium Duty	7.0% - 8.0%
Heavt Duty	8.0% - 10.0%
Design Concentration Range	3.0% - 10.0%

## **TYPICAL PROPERTIES**

Appearance (Concentrate)	Amber liquid
Appearance (Emulsion)	Milky
pH (3% emulsion)	8.9 - 9.1
IP 287 Breakpoint	4.0%
Mineral Oil Content	High
Refractometer Conversion Factor	1.0
Make Up Water Hardness	50 - 450 ppm

## **FLUID MAINTENANCE**

To check and maintain fluid concentration a refractometer is recommended, the resulting reading multiplied by the refractometer conversion factor will give the actual concentration strength. Maintaining a consistent concentration is paramount to prolonging the fluid sump life. To promote long service life, it is strongly advised that coolant systems are thoroughly sterilised with a System Cleaner prior to coolant changes (see Sarsol System Cleaner Technical Data Sheet for further information and guidelines).

Further tests for bacteria, fungus, pH and tramp oil contamination are available through our Cooltrak Fluid Management Service. This service offers guidance and assistance for users to comply with current HSE legislative requirements. Please contact us for further details.

## **SAR LUBRICANTS (SQUIRE A. RADCLIFFE & SONS LTD)**

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## **HEALTH & SAFETY, STORAGE AND DISPOSAL**

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.