SARSOL WHITEWATER JP

Last Updated: 09.01.2025
Product Code: IC0388

SARSOL WHITEWATER JP is an 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, contains increased passivation against staining on senistive non ferrous metals, brass, bronze, copper and aluminium.

BENEFITS

- Formulated with a multi-metal passivator to ensure non-staining of the workpiece.
- Exceptional cooling properties.
- Good anti-corrosion inhibition.
- EP additives ensure good tool cutting and high quality surface finish.
- Boron, formaldehyde, nitrite and phenol free formulation for optimum operator acceptability.
- Versatile product, can be used on a multitude of materials.
- Forms stable, low viscosity emulsion.

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.

HEALTH & SAFETY, STORAGE AND DISPOSAAL

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.