

Last Updated: 31.07.2017
Product Code: IC 0385

SARSOL WHITEWATER EP is a high performance, emulsion soluble cutting fluid suitable for a wide range of applications.

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.

APPLICATIONS

(Recommended treat rate 3-8% in water, depending on severity of application. For most general purpose work, a treat rate of 5% is normally acceptable. Minimum treat rate 3% in water)

	Turning	Drilling	Sawing	Grinding	Honing	Lapping	Threading	Deep Hole	Broaching
		Milling						Drilling	
Steel	✓	✓	✓				✓		
Stainless Steel	✓	✓	✓				✓		
High Alloy Steel	✓	✓	✓				✓		
Titanium									
Carbide									
Cast Iron	✓	✓	✓				✓		
Copper Alloys	✓	✓	✓				✓		
Aluminium Alloys < 7% Si	✓	✓	✓				✓		
Aluminium Alloys > 7% Si									
Plastic	✓	✓	✓				✓		

Water hardness should be checked to determine optimum running concentrations, please consult your SAR Lubricants Sales Engineer for further details.

TYPICAL PROPERTIES

Appearance	Forms a white milky emulsion
Specific Gravity @ 15.6°C	0.90
pH (3% solution)	8.9

FLUID MAINTENANCE

Refractive Index: - 1.0 = % / ° Brix

<u>Refractometry data for Sarsol Whitewater EP</u>	
<u>Refractometer reading</u>	<u>Actual Concentration</u>
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11

HEALTH & SAFETY, STORAGE AND DISPOSAL

SARSOL WHITEWATER EP should be stored in dry conditions and protected from extreme temperatures: between 4°C and 35°C is the recommended storage temperature.

SARSOL WHITEWATER EP is unlikely to present any significant health or safety hazard when used as recommended by SAR Lubricants. Good standards of personal and industrial hygiene are to be maintained by the user (see Material Safety Data Sheets). In order to protect the environment, the product used should be safely disposed by a licensed contractor. The packaging material should be handled by a recognised reconditioning firm.

Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues. The information contained herein is based on data available to us and is believed to be accurate.

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