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Product Code: MW0102

**SARSOL 102 W** is the latest in boron and formaldehyde free technology for general purpose machining, forming and roll forming applications. This formulation contains high levels of synthetic ester lubricity, offering significant advantages in performance without the use of chlorinated additives. It is inherently low foam and is excellent in soft to hard water and is suitable for use on a wide range of materials including all ferrous and non-ferrous materials and is passivated against staining on galvanised steel, copper, brass and sensitive aluminium alloys.

Formulated to incorporate the latest performance additives; the product exhibits excellent lubricity characteristics to provide both good tool life and surface finish. The product is highly resistant to bacteria formation and exhibits excellent corrosion resistance whilst maintaining machine cleanliness and operator acceptability.

## APPLICATIONS

General machining, metal forming and roll forming applications where the product comes into contact with sensitive materials such as galvanised steel, (does not cause white rust deposits), zinc coated and all yellow metals.

## BENEFITS

- Soft – Hard water tolerant
- Excellent corrosion protection
- Non-staining of sensitive non-ferrous metals
- Low foaming
- Boron, chlorine, secondary amine, formaldehyde free
- Long sump life
- Multi-metal compatible
- Excellent surface finish

## SUGGESTED OPERATING DILUTIONS

- Medium duty machining / forming: 5 – 7%
- Heavy duty machining / forming: 7 – 10%
- Heavy duty machining / forming: 8 – 10%

## TYPICAL PROPERTIES

- Emulsion: Milky
- pH of 4% emulsion: 9.2 – 9.4
- IP 287 Corrosion break point: 4.0%

## CONCENTRATION

To check and maintain concentration a refractometer is recommended, the resulting reading multiplied by a factor of 1.0 will give actual concentration strength

## HEALTH & SAFETY, STORAGE AND DISPOSAL

**SARSOL 102 W** should be stored in dry conditions and protected from extreme temperatures: between 4°C and 35°C is the recommended storage temperature.

**SARSOL 102 W** 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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