

PRIMESOL XS



PRODUCT DESCRIPTION

Primesol XS - a water-mix metalworking fluid designed for high performance machining.

Primesol XS is one of the new generation of cost effective bio-stable water-mix metalworking fluids. It has been specially designed to incorporate the latest advances in additive technology and thereby comply not only with current legislation, but also that pending.

Primesol XS has been developed to provide moderate levels boundary lubrication whilst being free of chlorinated extreme pressure compounds. Primesol XS forms a micro-emulsion when diluted with water.

Its unique formulation also makes it suitable for grinding operations in which it will keep machining areas clean and free from the sticky deposits normally associated with synthetic grinding fluids. In addition to its machining characteristics, Primesol XS offers the following benefits;

- Biostable
- Low unit cost
- Improved surface finish, better tool life
- Permits higher cutting speeds
- Very low foaming tendency even in very soft waters
- Excellent residual corrosion protection
- Good tramp oil rejection
- Maintains machine cleanliness

APPLICATION

Primesol XS should not be used at concentrations less than 4% by volume. For increased tool life and machining performance, Primesol XS can be used at concentrations up to 10% by volume.

NOTE, The life and performance of any water-mix metalworking fluid is affected greatly by external factors such as water quality, atmospheric contamination and ingress of machine oils etc. Maximum benefit and lowest operating costs are achieved where correct monitoring and control is applied.

TECHNICAL DATA SHEET

PRODUCT SPECIFICATION

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| Emulsion Type | Fluorescent Green (also available Primesol XS Blue) |
| Specific Gravity @ 20oC | 0.995 (typ) |
| pH @ 5% in D.I. H2O | 8.9 (typ) |
| IP 125 Break Point | 2% (0/0/0) |
| IP 312 Defoam (5% in 50p.p.m Water) | Nil After 10s |
| Reichert Lubricity Test (10% dilution) | Noise Reduction : 41 Metres |
| Load Bearing Capacity: | 1.89 Kg/mm2 |
| Refractometer Correction Factor | 2.1 |

PACK SIZES

Primesol XS is packed in the following sizes:-

5 Litre, 25 Litre, 205 Litre, 1000 Litre IBC.

For Health and safety information please refer to the relevant health and safety data sheet.

The content of this data sheet is given in good faith but without warranty.