

## PRODUCT DATA SHEET

# RYE BIO CUT SS

**DESCRIPTION** Rye Biocut SS is a medium oil content cutting oil concentrate, formulated with a chlorinated EP additive and incorporating a unique blend of fatty esters to give extreme cutting oil performance. This includes gear cutting and other arduous metal removal operations. This product is also protected against staining of non ferrous metals making it suitable for most grades of aluminium where a high quality finish is required or high metal removal rates causes pick up on cutting tool edges.

**APPLICATION** Improved machining of ferrous and non ferrous metals including some difficult to machine alloys including aluminium.

**USUAGE RATE** 4 - 10% depending on application and water hardness.  
Refractometer correction factor x 1.10

**ADVANTAGES**

1. Very heavy duty performance.
2. Ultra stable without scum in hard water and low foam potential in soft water.
3. Long sump life.
4. Excellent corrosion protection.
5. Non staining of aluminium

**TYPICAL DATA**

Appearance	: Light brown liquid
Odour	: bland
Sp gravity @ 15°C	: 0.970 - 0.995
pH@5%in water (200ppm CaCO <sub>3</sub> )	: 9.1 - 9.4
Miscibility in water	: Complete to give a semi-translucent emulsion.
Corrosion break point IP287 200ppm CaCO <sub>3</sub>	: 60:1 clear paper

**STORAGE** Store away from extremes of heat and cold.

**DISPOSAL** Dispose of in accordance with statutory regulations.