



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

PRODUCT DATA SHEET

BIOCUT 3755 SOLUBLE CUTTING FLUID

APPLICATION

Biocut 3755 Soluble Cutting Fluid is a versatile, general purpose, semi-synthetic, machining and grinding fluid. It is suitable for use on a wide range of metal removal operations for both ferrous and aluminium alloys.

USAGE

Biocut 3755 Soluble Cutting Fluid is mixed with water at 2 – 10% concentrations to form a milky emulsion. The exact concentration required will depend on the severity of the application. The product is suitable for use in waters up to 300ppm CaCO₃ hardness.

BENEFITS

- Provides stable lubrication for high quality surface finish.
- Excellent corrosion protection for the machined parts, DIN chip <3%.
- Leaves no sticky residues on the workpiece.
- Biostatic.
- Triazine free.
- Contains no Phosphorous, Sulphur or Chlorine.
- Low environmental impact, meets WGK class 1.

COMPATABILITY

Biocut 3755 Soluble Cutting Fluid is compatible with most seal, hose and packing polymers designed for use with petroleum based lubricants. However for advice regarding specific materials, contact your distributor or your Hi-Tec Sales representative.

Biocut 3755 Soluble Cutting Fluid is compatible with all metals commonly found in metal-working coolant systems and machines.

STORAGE

If the following criteria are adhered to, **Biocut 3755 Soluble Cutting Fluid** can be stored for at least six months.

Maximum recommended long-term storage temperature: 40°C.

Minimum recommended long-term storage temperature: 0°C.

Keep drums/containers tightly closed when not in use.

Store containers/drums in a dry and well ventilated area.

Hi-Tec Oils suggests that the equipment manufacturers' recommendations for viscosity grade, performance requirements and general operating conditions should be checked prior to use.



AUSTRALIAN FAMILY OWNED SINCE 1989





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CHEMICAL AND PHYSICAL PROPERTIES:

Property

Appearance

Appearance @ 5% Concentration

pH (5% in demineralised water)

Total Alkalinity (mg KOH/g)

Specific Gravity

Viscosity @ 40 °C (cSt)

Refractometer Factor

Results

Clear Amber Liquid

Milky White

9.0 – 9.4

106 – 117

0.970 – 1.010

75.2 – 83.2

1.1

Available in: 205 Litres and 20 Litres

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

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