



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

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PRODUCT DATA SHEET

BIOCUT Q3755 SOLUBLE CUTTING FLUID

Application:

Hi-Tec Biocut Q3755 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:

Hi-Tec Biocut Q3755 Soluble Cutting Fluid is mixed with water at 2 – 10% concentration 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 of Hi-Tec Biocut Q3755 Soluble Cutting Fluid:

- 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.

Compatibility:

Hi-Tec Biocut Q3755 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

Hi-Tec Biocut Q3755 Soluble Cutting Fluid is compatible with all metals commonly found in metalworking coolant systems and machines.



AUSTRALIAN FAMILY OWNED SINCE 1989





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Storage:

If the following criteria are adhered to, **Hi-Tec Biocut Q3755 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.

Chemical and Physical Properties:

Appearance:	Clear Amber Liquid
Cold Test, 30mins at 4°C:	Clear Amber Liquid
pH, 5% in demineralised water:	9.0 – 9.4
Total Alkalinity, mgKOH/g:	106 – 117
Acid value, mgKOH/g:	103.6 – 114.5
Specific Gravity:	0.970 – 1.010
Viscosity @ 40 °C, cSt	75.2 – 83.2
Refractive index @ 3% in demineralised water	2.2 °Brix
Refractive index @ 5% in demineralised water	4.2 °Brix
Refractive index @ 7% in demineralised water	5.5 °Brix

AVAILABLE IN: 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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