



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

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## PRODUCT DATA SHEET

### Q-KUT 170

#### **Straight Cutting Oil, Machining and Grinding Fluid**

#### **Application:**

**Hi-Tec Q-KUT 170** is designed for medium to heavy-duty machining, grinding and threading operations requiring a high degree of lubrication. It is suitable for use on all grades of steel, especially difficult to machine high nickel alloys and copper.

#### **Usage:**

**Hi-Tec Q-KUT 170** is to be used as received. It should not be diluted with any mineral spirits or other low viscosity materials. Dilution will greatly hinder performance characteristics. Please consult with your Hi-Tec Sales Engineer for more information.

#### **Benefits of Hi-Tec Q-KUT 170:**

- Corrosion Protection: Excellent corrosion protection from thin film aspects of the product.
- Unobjectionable Odour: The bland nature of the odour is acceptable to operators versus the standard sulphurised-type odours of other cutting oils.
- Lubrication: The unique blend of boundary and extreme pressure lubricants provides high film strength and excellent lubricating qualities.
- Residue: The thin-film oily residue is non-tacky and easily removed by conventional alkaline or emulsion cleaners.
- Versatility: The unique lubrication qualities of this product provide optimum performance on difficult machining operations and grinding operations.
- Environmental Compatibility: The non-sulphurised and non-chlorinated nature of this product does not require special handling from a waste treatment or disposal viewpoint.



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### Compatibility:

For information on compatibility of **Hi-Tec Q-KUT 170** with polymer materials used for seal and hose material and compatibility with paints and other coating materials contact Hi-Tec Sales Engineer for advice

### Storage:

If the following criteria are adhered to, **Hi-Tec Q-KUT 170** 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 (typical):

Appearance: Clear amber fluid (at ambient temperature)

Flash Point: 163°C (Cleveland Open Cup)

Odour: Bland

Viscosity @40C: 20.6 – 26.3 cSt

**Product Code:** HI8-3379

"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](http://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](http://www.hi-tecoils.com.au)"

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**Expires:** November 2015

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