



Q-KUT 170 (Straight Cutting Oil, Machining and Grinding Fluid)

PRODUCT DESCRIPTION

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 Representative for more information.

BENEFITS

- **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.

COMPATABILITY

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.

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



TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

Appearance	Clear amber fluid (at ambient temperature)
Flash Point	163°C (Cleveland Open Cup)
Odour	Bland
Viscosity @ 40°C	20.6 – 26.3 cSt