

Technical Information Sheet

HICUT 6750

(High Performance Boron Free bio-stable coolant)

DESCRIPTION

HICUT 6750 is a high performance emulsion type environmental friendly metal working fluid. The boron free biostable package helps the product in achieving good pH stability and excellent corrosion protection. It is mineral oil and ester containing, versatile machining coolant which can be applied for rough and fine machining of Aluminium, Steel as well as cast iron materials.

The product is highly recommended for Aluminium machining.

BENEFITS

HICUT 6750 distinguishes itself as an excellent product, by virtue of its emulsion stability and in well-maintained systems, generally, doesn't require post-preservation. The high oil content and effective additive system provide good rust prevention properties, stable pH and good filterability.

The various benefits offered are listed as under:

- Optimum machining results
- Excellent lubricity, good anti-rust properties, less foaming
- Extended tool life, good surface finish and long coolant life
- No biocide addition is required when the required concentration is well maintained
- Good flushability & filterability

APPLICATION

Recommended concentration:

Turning, drilling, milling : 5% - 7%

Sawing, reaming : 7% - 10%

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Color : Brown oil
Sp. Gravity @ 30°C : 0.940
pH (5% emulsion) : 9.6

The concentration of the emulsion can be easily determined by using a hand held refractometer.

PACKING

HICUT 6750 is available in 30 / 210 Ltr drums.

WARRANTY:

Information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of our product is beyond our control.

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