

Technical Information Sheet

HICUT BIO 150
(Bio-stable semi-synthetic coolant)

DESCRIPTION

HICUT BIO 150 is bio-stable, semi-synthetic coolant specially designed to provide long sump life. This product has excellent corrosion protection and lubricating properties. **HICUT BIO 150** provides high degree of corrosion protection without the use of nitrite or other undesirable components, which makes it environment friendly.

APPLICATION

HICUT BIO 150 is suitable for a variety of machining operations and for use in individual machines as well as in central systems. It is recommended for the grinding and machining of all ferrous and most non-ferrous metals. The high degree of surface finish required on components such as bearing rings, can be achieved using this product.

TYPICAL USAGE CONCENTRATION ARE

Ferrous grinding	3 - 5%
General machining operations on mild steel, medium tensile steels and aluminium	4 - 8%
Severe machining operations i.e. cutting and milling on stainless and high speed steel, where tool life and fine surface finish are required	6 - 10%

FEATURES

Long sump life
Good bio stability

Excellent cutting performance
Excellent corrosion protection
Excellent lubricity
Freedom from sticky deposits
Excellent Flushability
Low Foaming

BENEFITS

Reduced cost
Control on bacterial growth
No Monday morning odour
Operator friendly
Improved finish, Increased productivity
Eliminates rejection / rework
Increased tool life, Better dimensional control
Better operational performance.
Easy removal of chips and grinding dust
Trouble free performance

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Appearance (Neat)	Brown fluid
(5% emulsion in water)	Translucent fluid
Sp. Gravity @ 30°C	1.004
pH (5% Emulsion)	9.8

PACKING

HICUT BIO 150 is available in 30 / 210 Kg. Drums.

ARRANTY:

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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