



TECHNICAL DATA SHEET

Coolant HFE250H

Description

A high quality, chlorine containing, bio-stable water-miscible coolant designed to provide the user with a robust, long sump-life product that is compatible with a wide variety of materials. It is highly tolerant of microbial contamination and rejects tramp oil very effectively.

Coolant HFE250H has a relatively high oil content which, in conjunction with high lubricant additives, allows a high quality surface finish to be achieved coupled with prolonged tool life.

It is suitable for use in a wide variety of water qualities, is low foaming and forms an exceptionally stable semi translucent emulsion. In particular, Coolant HFE250H has been designed to cope with the problems caused in hard water areas by keeping scum formation down to an absolute minimum. This means that Coolant HFE250H will maintain system cleanliness far beyond that of more conventional coolants.

Coolant HFE250H has been formulated with the operator in mind and as such is free of any Boron compounds or formaldehyde-release, or isothiazolinone, biocides

Benefits

- Excellent lubricity
- Highly stable emulsion
- Extended sump life
- Hazard free formulation
- Compatible with waters >400ppm hardness
- Enhanced tool-life
- Low foaming
- Multi-metal compatible

Typical Physical Properties

Appearance	Yellow liquid
Emulsion Type	Semi translucent
Foaming Tendency	Low
Specific Gravity at 20°C	0.94
Lubricity	High
pH @ 5%	9.4

Recommended Dilutions

General machining of free cutting metals:	5 – 6%
Difficult operations/materials:	8 – 10%