



SEMI SYNTHETIC FLUID

CUTFINE XT is a general purpose water-soluble cutting oil developed for a wide range of applications in the machining of ferrous and non-ferrous metals.

It is formulated from semi synthetic oils with the incorporation of a highly efficient emulsifier and coupling agents to give a stable white emulsion. It also contains an effective dual biocide/fungicide for extended service life.

Easy to mix with water.

- ❶ Excellent corrosion-inhibition properties, to protect machines and workpieces against rust.
- ❷ Highly effective dual biocide/fungicide gives extended service life.
- ❸ Dilutions can be selected to balance performance against economy.

CUTFINE XT is suitable for all conventional machining operations such as drilling, turning, milling and sawing of free-cutting steels, cast iron, aluminum and brasses.

Emulsions can be mixed either in proprietary mixing devices or by hand.

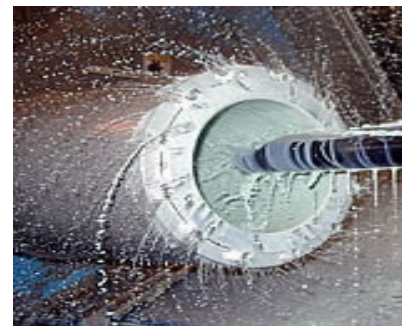
The oil has excellent mixing characteristics but if mixing is done by hand, **the oil must be added to the water**, and not the water to the oil.

This soluble oil is supplied in sterile condition, and when correctly mixed with clean water it forms a contamination-free emulsion.

The length of an emulsion's service life depends on the coolant system's cleanliness which in turn is dependent on 'good housekeeping'. If the best results are to be obtained when coolant is being changed, the existing charge should be treated with a proprietary biocide/detergent.

- Drilling, Tapping, Boring, Reaming, Milling 10:1 to 15:1
- Turning, Sawing 15:1 to 30:1
- Grinding 30:1 to 50:1

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GRADE

Based Oil
Density @ 15 °C
Flash Point
Kin Viscosity @ 40 °C
Pour Point
Alkalinity @ 10:1 Dilution

TEST METHOD

ASTM D 1298
ASTM D 93
ASTM D 445
ASTM D 97

UNIT

Semi synthetic
Kg/L
°C
cSt
°C
pH

CUTFINE XT

0.88
195
98
-12
9.7