



CUTFINE 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 fully solvent-refined 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.

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

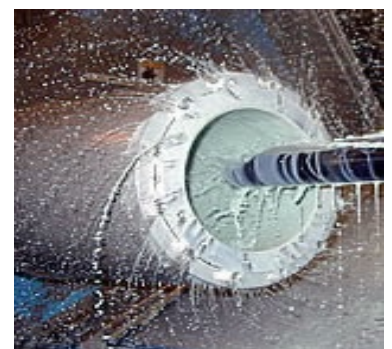
The oil has excellent mixing characteristics; but if mixing is done by hand, the oil must be added to the water, and not the water to the oil.

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.

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

Recommended dilutions
are **20 : 1 to 30 : 1**,
according to the severity of the operation.



GRADE	TEST METHOD	UNIT	CUTFINE
Based Oil		solvent-refined oils	
Density @ 15 °C	ASTM D 1298	Kg/L	0.896
Flash Point	ASTM D 93	°C	173
Kin Viscosity @ 40 °C	ASTM D 445	cSt	30.4
Pour Point	ASTM D 97	°C	-12
Alkalinity @ 10:1 Dilution		pH	9