

euromarc® ELITE

WATER SOLUBLE CUTTING FLUID **274**

Synthetic Bio-stable metal working fluid

ELITE 274 is a synthetic biostable soluble cutting oil for use with metals containing a highly sophisticated system of extreme pressure additives, anti-foam, anti-rust and anti-bacterial agents which forms a stable milky white emulsion when added to agitated water. The EP additive is a chlorine based branched chain, near pure compound.

Biocide aids in the preservation of ELITE 274 as it has a broad activity spectrum against bacteria, moulds and yeasts that cause deterioration of water-based metal working fluids.

To produce an homogeneous emulsion Elite 274 should always be added slowly to water with agitation.

To produce an homogeneous emulsion Elite 274 should always be added slowly to water. DO NOT add water to the oil.

Performance Benefits

- Long service life
- Good surface finish
- Increased tool life between sharpening's
- Faster cutting speeds
- Very stable emulsion
- Excellent cooling capabilities
- Excellent rust protection

Applications

- Forms a very stable emulsion to assist in the rapid machining of all metals to comply with the demands of current production engineering techniques.
- Forms an instant white emulsion which offers an efficient coolant and incorporates a sophisticated anti rust system which is Nitrate free.

Sizes

- 5L
- 20L

General Recommendations

Process		Parts Water:Oil
Machining	Mild Steel and Brass	20:1
	Medium Steels	15:1
	Aluminium	15:1
Grinding		50:1
Rolling (suggested as a starting point)		10:1



Typical Physical Characteristics

Property	Property Typical Value
Density, kg/L	0.975
ISO Grade	15
Colour when mixed with water	White

NOTE: Values stated herein are typical and do not represent a specification.

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So Quick. So Easy