

# Aquacut 660



## Product Description

The ultimate product within the Syntol range of synthetic cutting fluids. Suitable for all types of machining & can be used on all types of metals. Its additive technology allows for exceptional bio-stability, with excellent lubricity & anti-corrosion properties. It's inherent emulsion stability allows for significant tramp oil contamination with excellent cleanliness properties.

## Product Applications

Applicable for all machining operations giving greatly superior surface finish & tool life. May be used on stainless, hardened, & mild steels, aluminum & its alloy, copper & its alloys.

### Recommended Dilutions:

Operation	Material	Dilution (%)
Milling, turning, cutting, reaming	Mild, hardened, & stainless steels	5 - 10%
Grinding	Mild, hardened, & stainless steels	4 - 6%
Milling, turning, cutting, reaming	Aluminum, copper & copper alloys	4 - 6%
Grinding	Aluminum, copper & copper alloys	4 - 6%

## Features & Benefits

- Greatly superior machining performance
  - Cleaner, less abrasive swarf
  - Additive technology that gives inherent bio-stability
  - Excellent corrosion protection
  - Excellent cleanliness
  - Contains no mineral oil, chlorinated paraffins, nitrites, phenols
- Superior surface finish with extended tool life.
  - Reduced cuts from swarf giving better operator acceptance
  - Gives exceptional resistance against bacterial & fungi attack
  - Eliminates lathe bed corrosion & provides a minimum of one weeks rust protection of mild steel work pieces
  - Will clean your machine when in use
  - Environmentally & **Health & Safety** responsible

## Physical Properties

Test	Units	Result
Appearance		Clear/bright amber fluid
Density	gm/ml	1.05 typ.
pH (5% in water)		8.9
pH (1% in water)		8.8
Refractometer Factor <sup>1</sup>		1.3

## Health & Safety

Syntol Aquacut 660 is of moderate toxicity. It is recommended as with all industrial oils & cleaners that repeated or prolonged contact in neat or diluted form is kept to a minimum. At no time should neat (undiluted) be disposed of into sewers. Disposal either neat or diluted into storm water drains or other waterways should always be avoided. If spillage occurs contact your local council authority or refer to the Syntol MSDS. For further advice refer to Syntol NZ Ltd. Phone 09 6346004.

## Disclaimer

All reasonable care has been taken to ensure the information contained herein is accurate at the time of printing. However Syntol NZ Ltd accepts no tortious or contractual liability for any loss or damages suffered as a consequence of the reliance on the information & advice contained herein.

1. Concentration = Refractometer Factor x Refractometer Reading.