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WAYS TO EXTEND YOUR TOOL LIFE



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WIDIA
A PRODUCT OF KENAMETAL INC.

- > It's economical to make the change
- > It's economical to run
- > No air borne mists
- > Environmentally clean green and safe
- > And the extra bonus... extended tool life is yours to achieve

- 1 By using a precision applicator, which is reliable and controllable and will consistently deliver a repeatable amount of lubricant to the cutting area.
- 2 Our technology is to reduce the friction therefore reduce the heat generated. We use Coolube 2210 exclusively; it is a pure vegetable oil and is applied neat.
- 3 Unist super high grade vegetable cutting oil, with advanced lubricity properties, penetrates directly to the cutting point. The oil is non toxic, non polluting, non drying and non staining.
- 4 Economical amounts of oil are always used; typically 10ml per hour of continuous light machining using a one nozzle system.
- 5 Minute droplets of oil are carried to the cutting point by a curtain of compressed air.
- 6 The oil is consumed in the operation and is therefore only used once. New oil is always supplied to the cut. No filtering, messy recycling, or hazardous waste to dispose of.
- 7 Swarf (chips) is blown away using clean compressed air, making sure old chips are not being re-cut.
- 8 The air/oil curtain is aimed directly at the cutting area, therefore NO mess.
- 9 We use an internal system for Thru-The-Tool lubrication which replaces the path of the traditional flood coolant. Compressed air is used to clear away swarf (chips)
- 10 We use an external system for all areas of machining where Thru-The-Tool is not available; once again compressed air removes swarf (chips)



Unist Australia Pty Ltd

7 Bendtree Way, Castle Hill NSW 2154

PH: (02) 8850 2022 FAX: (02) 8850 2033 MOB: 0418 274 946 Email: johnbarker@unist.com.au

www.unist.com.au