

ULTRA SYNTHET 971 **METAL WORKING COOLANT**

Suitable For All Machining Applications in Soft Water

Code 7100

DESCRIPTION

CALLINGTON HAVEN Ultra Synthet 971 is a fully synthetic chemical cutting fluid/coolant formulated to provide high performance in all machining applications in soft water, particularly with non-ferrous metals.

Its water based nature ensures longer sump life, resistance to bacterial attack, easier tramp oil removal and less environmental/work safety problems when compared to mineral oil based products.

ADVANTAGES

- Excellent surface finish with high metal removal rates
- Excellent bacterial resistance
- Long sump life
- Multi-metal safe
- Prevents rust formation
- Easily removed from work pieces
- Contains no chlorides or sulphur
- Rejects tramp oil and allows for easy separation
- Excellent lubricating properties
- Pleasant odour and minimised fog or mist, compared to mineral oils
- Can easily be recycled
- Contains no phenols or nitrosamines
- Provides longer tool life
- Produces excellent machining performance and finish on aluminium
- No rancidity
- Less deleterious effect on skin conditions, compared to mineral oils

APPLICATION & DILUTION RATE

CALLINGTON HAVEN Ultra Synthet 971 is usually used as a 5% concentration which can be varied to suit the application. See attached dilution rate sheet for various metal working purposes.

Broaching, Milling, Cutting, Boring, Threading, Tapping, Drawing, Turning, Shaving, Reaming, Grinding, Stamping, Chamfering, Shaping, Hobbing, Forming, Sawing (Circular/Band/Hack), Drilling (Shallow/Deep Hole), Rolling (Thread/Form), All NC Operations, Lathes (Turret/Auto/Single Multi-Spindle), Gears (Hob/Cut/Shape/Shave), Pipe (Reaming/Threading), Drill Forming