Germany

Coolant 2000

Main Applications

- General machining
- Grinding
- Low to medium tensile steels
- Aluminum, copper and their alloys

Advantageous

- Highly stable oil-in water emulsion
- Develop for use as a general purpose
- Cost effective metalworking fluids
- Contains a biocide to prevent foul odor from bacterial degradation
- Nitrite free
- Operators health and safety, reduced risk of the formation of nitrosamines
- Phenol and chlorine free
- Environmentally safe, low disposal costs
- Excellent lubricity
- High oil content provides excellent machine tool lubrication
- Emulsion stability
- Tolerant to difficult diluents waters

Mixing Instruction

- **DACH 2000** should be added gradually into the full volume of water-never the reverse and gentle agitation maintained until all the oil has been added and a uniform emulsion obtained. Use lower concentration for top-up to achieve recommended mix-ratios
- Concentrations may need to be increased when machining difficult materials and where the water hardness of the diluent has an effect on corrosion inhibition

Recommended Concentrations	%	Ratio
Grinding	2 - 3	50 : 1 to 30 : 1
General machining, non ferrous materials	4 - 5	30 : 1 to 20 : 1
General machining, ferrous materials	5	20 : 1

Typical Physical Characteristics	
Appearance	Amber fluid
Emulsion type	Dense white
Density @ 15°C kg/l	0.92
PH at 5% concentration	8.9
Corrosion breakpoint (IP 287)	30 / 1

Item Code	Item Name	MoQ
308.02.001	**Coolant 2000 at 1 Liter**	**1 Pc**
308.02.002	**Coolant 2000 at 5 Liter**	**1 Pc**