



# Commonwealth Oil

## CommCool™ 8800

Non-Chlorinated Semi-Synthetic Metalworking Fluid



### WHAT IT DOES:

**CommCool™ 8800** is a high performance, chlorine-free semi-synthetic metalworking fluid for machining and grinding of ferrous and non-ferrous metals. It has proven especially effective in machining all alloys of aluminum. **CommCool™ 8800** is formulated with the most advanced bio-resistant additive technology to provide the highest level of performance in controlling bacteria and fungus to eliminate odors. **CommCool™ 8800** extends sump life, reduces waste disposal costs, and offers exceptional tool life to reduce tooling costs. It is operator and machine friendly.

### WHERE TO USE IT:

**CommCool™ 8800** is recommended for use on a wide range of metals, including: aluminum, stainless steel, titanium, ferrous metals and cast iron.

### PERFORMANCE BENEFITS:

**CommCool™ 8800** has been specifically formulated to deliver the following performance benefits:

- Universal fluid for a wide range of metals including stainless steel, titanium, cast aluminum alloys, ferrous metals and cast iron.
- Durable, long-lasting fluid makes it ideal for both central systems and individual sumps.
- Non-sticky – protects against fouling valves and switches.
- Foam control makes it ideal for high pressure CNC machining.
- Excellent rust and corrosion protection for inner workings of machine tool.
- Extreme pressure lubrication extends tool life.
- Rejects tramp oil for easy skimming.



2080 FERRISS ROAD NORTH, HARROW, ONTARIO, CANADA N0R 1G0

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## TECHNICALLY SPEAKING:

Property	CommCool™ 8800
Appearance	Clear blue liquid
pH @ 5%	9.1
Refractive Index (RI) Factor	Multiply RI by 1.9 for concentration %
Density, lbs./US Gallon	8.7
Specific Gravity	1.05

These are typical figures and do not constitute a specification.

	Recommended Concentration	Refractometer Reading
Grinding	4 – 6%	2.1 – 3.2
Machining	6 – 8%	3.2 – 4.2
Tapping	8 – 12%	4.2 – 6.3

## Handling & Safety Information

For information on the safe handling and use of this product, refer to the attached Material Safety Data Sheet.

### Proper Mixing and Care of Coolants

- ◆ Always add concentrate to water with a small amount of agitation
- ◆ Protect product from freezing
- ◆ If product has frozen, allow it to thaw naturally and completely to room temperature. The product should be checked for consistency. If necessary, product can be re-mixed with slight agitation
- ◆ Store coolant containers indoors. If coolant drums must be stored outdoors, place them on their sides to minimize the potential for water to enter drums
- ◆ Never expose coolants to temperature extremes
- ◆ Do not add any other compound to this or any other coolant unless recommended by the manufacturer



## Available in Pails, Drums and One-Way Bulk Containers

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