

Hocut WS 6600

(Formerly Commcool 6600)

Non-Chlorinated Micro-Emulsion Metalworking Fluid



WHAT IT DOES:

Hocut WS 6600 is a high performance, chlorine-free micro-emulsion for machining and grinding of ferrous and non-ferrous metals. **Hocut WS 6600** is formulated with the most advanced bio-resistant additive technology to provide the highest level of performance in controlling bacteria and fungus and eliminating odors. **Hocut WS 6600** extends sump life, reduces waste disposal costs, and offers exceptional tool life to reduce tooling costs.

Hocut WS 6600 offers a safer and friendlier alternative to semi-synthetics and straight synthetics. It is operator friendly. It fulfills the warranty requirements of tool manufacturers that require the coolant concentrate to contain at least 40% oil for performance and machine maintenance benefits.

WHERE TO USE IT:

Hocut WS 6600 is recommended for use on a wide range of metals and operations including: stainless steel, cast aluminum alloys, ferrous metals and cast iron.

PERFORMANCE BENEFITS:

Hocut WS 6600 has been specifically formulated to deliver the following performance benefits:

- Durable, long-lasting fluid makes it ideal for both central systems and individual sumps.
- Not a semi-synthetic. Non-sticky – protects against fouling valves and switches which reduces downtime and maintenance costs.
- Excellent rust and corrosion protection for inner workings of machine tool.
- Extreme pressure lubrication extends tool life and provides good finish.
- Rejects all tramp oil for easy skimming.



Hocut WS 6600



TECHNICALLY SPEAKING:

Property	Hocut WS 6600
Appearance	Translucent blue liquid
pH @ 5%	8.4
Refractive Index (RI) Factor	Multiply RI by 1.0 for concentration %
Sulphur	None
Density, lbs./US Gallon	8.34
Specific Gravity	1.00

These are typical figures and do not constitute a specification.

	Recommended Concentration	Refractometer Reading
Grinding	4 – 6%	4.0 – 6.0
Machining	6 – 8%	6.0 – 8.0
Severe Machining	8 – 12%	8.0 – 12.0

Handling & Safety Information

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet obtainable from Commonwealth Oil Corporation.

Proper Mixing and Care of Coolants

- ◆ Always add concentrate to water with a small amount of agitation. Always pre-mix coolant before adding it to the machine.
- ◆ For best results, a proportioner should be used.
- ◆ Since water evaporates from the coolant, the concentration will increase over time. To maintain the recommended concentration, makeup coolant should be premixed at half the % concentration as the original fill.
- ◆ 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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