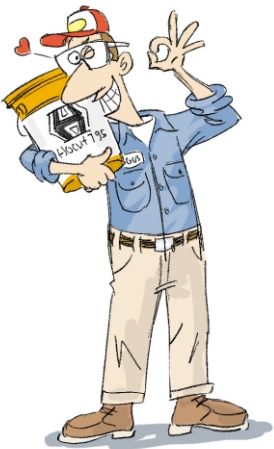




# HOUGHTON

## Hocut® 795 Metalworking Coolant

Amazingly stable coolant  
cuts the smell – and your costs



Houghton International, Inc.



## MEET GUS

### Meet Gus. He's had it with stinking sumps.

Foul-smelling, messy environments have plagued operators like Gus for years. They've been subject to potentially harmful conditions, prone to skin rashes, eye or lung irritation, and other health problems. But they're finally breathing easy with Hocut 795® coolant from Houghton International. Now you can, too.

Turn off your machines on Friday, as usual. When you return on Monday morning, how does the coolant look? How does it smell?

That bad? Like many coolants, it probably reeks. You might even be tempted to dump it. Life would be better if you used Hocut 795. It looks, smells, and tests the same as it did on Friday...and nearly every day after **without** costly sumpside additives. Guaranteed. With Hocut 795, your sump will maintain its original, clean condition for months.\* Even years. That means no mess. No stink. No sweat.

Hocut 795 enhances the quality of your metal products, too. It improves cooling performance, extends tool life, and enhances part finish. No wonder it's the most widely used coolant

in the industry...banishing the stink from 20 million sump gallons nationwide.

#### One Coolant for Every Metal

Hocut 795 is the one coolant that will perform in most applications and on a wide variety of metals. It's compatible with soft and hard water, and can be used with a wide range of machines such as Kingsburys, Bullards, bar machines, lathes, chuckers, and centerless and cylindrical grinders. Hocut 795 is ideal for medium- and heavy-duty applications involving virtually any metal or alloy, including:

- High- or low-carbon steels
- Aluminum (especially automotive-grade cast aluminums)
- Alloy steels
- Cast/nodular/gray iron
- Titanium
- Copper
- Stainless steel



\*When used at recommended use concentrations.



### The Freshest Way to Cut Costs

Hocut 795 customers – including the world's top aerospace, automotive, appliance, and off-road equipment manufacturers – have saved millions.

Here's how you can save, too:

- Lower fluid-replacement costs with long-lasting chemistry
- Eliminate the use of sumpside additives
- Reduce overall waste volume and spent-fluid disposal costs
- End downtime due to frequent change-outs and additive distribution
- Extend tool life with superior lubricity
- Diminish machine wear and tear with no staining, clogging, or other damage
- Reduce rejects and impart a superb finish with no sticky residue, stains, or rust

### Gearing up for Major Savings

When the management team at Rolls Royce (RR) Gear Systems in Park City, Utah searched for a way to reduce waste and treatment costs, they didn't expect to find the answer in a new coolant.

In 1999, waste disposal costs at this modern, 200,000 square-foot facility were skyrocketing out of control. The facility, which engineers, machines, assemblies, and tests systems for military and commercial aircraft, was disposing of over 16,000 gallons of contaminated liquid waste annually. This volume – though not uncommon in the industry – forced the facility into a regulated waste category. RR Gear Systems now



**99% of those who try Hocut 795, buy it!**

faced disposal costs of \$2.35 to \$7.50 per gallon versus \$.25 per gallon for unregulated waste. Quickly, a task force was created to solve the problem.

Over the course of four years, the task force implemented a strategic fluid-management program and replaced its existing coolant with Hocut 795 – both moves dramatically reducing waste, boosting productivity, and improving the working environment to benefit employees and the local community. Hazardous waste disposal costs slid from \$67,276 in 1999 to only \$618 (estimated) in 2003 – an amazing 98.5% cost savings.

"We went from using six drums of coolant a month to using two drums every three months. With Hocut 795, we were able to use less product to do the same job. It's truly superior to anything else we've seen out there," said Travis Larson, environmental health and safety manager for RR Gear Systems.

**For more information about Hocut 795, call toll free 888-459-9844 or visit us at [www.hocut795.com](http://www.hocut795.com).**

***"With this new coolant technology...we save tens of thousands of dollars each year in the waste-treatment costs of water and almost as much in cleanup costs."***

*– Jerry Wilcox, Environmental Coordinator, Poulan WeedEater*

## Our customers are giving Hocut 795 rave reviews...

“ Before we introduced Hocut 795 at our facility, we used a tremendous amount of product and the finish on our parts was not up to snuff. Plus, we had biocide problems and an unpleasant operator environment. I was shocked at how quickly our problems vanished when we started using 795. We reduced consumption of water-soluble liquids by at least 50%. We haven't had to add any biocides. Finish quality improved. Machines no longer have crud and dirt caked on them. The frequency of change-outs plummeted from once every 3 to 6 months to only once every 12 to 15 months. Best of all, the stench and dermatology issues disappeared. ”

– Buzz Skov, Supervisor, Parker Hannifin Corp.

“ We've been using Hocut 795 since its inception and currently use the coolant in four central systems and many stand-alone systems that total more than 200 CNC cutting, milling, tapping, and drilling machines. We regularly conduct tests pitting Hocut 795 against competitive products that promise superior performance, but Hocut always wins. We simply haven't found a coolant that equals its performance in terms of tool life, lubricity, and sheeting action. ”

– John Achim, Director of Facilities, Citation Corp.

“ We put Hocut 795 coolant in our first machine four years ago and have not had to do a single change-out yet. Essentially, it enables us to be hands-off. Tramp oil doesn't mix in with the coolant, so it's easy to skim off. There are no bio issues or misting problems. In fact, Hocut 795 has gained such a reputation in the plant that our safety office requests that we use 795 in any machine where operators complain about dermatitis and respiratory problems. ”

– John Luppino, Maintenance Planner, Remington Arms

“ I'd been searching for this product for years. We used to dread working on our Kingsbury multi-head indexing table because its 350-gallon sump smelled like a bunch of dirty socks. Hocut 795 ended all that. We produce almost a million parts each year, and do virtually nothing to maintain the coolant. ”

– John Barnes, Supervisor, In-Sink-Erator

“ Hocut 795 significantly increases our tooling life. Our broaching machine throughput expanded from 10,000 to 13,000 parts, giving us an additional two days of run time before having to replace the broach. This saves us in tooling costs and downtime. ”

– Ron Wooden, Coolant Technician, LCN Closures

“ We are a high-precision machine shop that does aluminum extrusions and castings. We originally switched coolants because we need to use a Boeing-approved coolant. But I never expected to see all of the performance improvements that I have seen with Hocut. It outperforms the other coolant. ”

– Perry Waller, Manufacturing/Materials Manager, Kurt Manufacturing Co. Machining Division



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