

Automotive

Case Study:

CERFA-KLEEN® 5354 provides operational benefits and increases cost savings by 50%

The Unique Challenge

The customer is a major Automotive manufacturer. The manufacturing facility is a six-cylinder transmission factory in the southeastern United States.

Following fabrication, the metal cleaner being used was causing several issues. The cleaner foamed excessively making it necessary to add a defoamer to keep the solution from spilling out of the tank. It had to be changed every four weeks and would grow bacteria quickly, producing foul odors within a few days. In addition, the parts were not emerging from the solution as cleanly as needed and sometimes with staining.

The Houghton Approach

Houghton Team members suggested CERFA-KLEEN® 5354, a biostable, multi-metal spray cleaner. It allows customers to run at lower temperatures providing significant savings in operational costs without the fear of foul odors. CERFA-KLEEN® 5354 also reduces foaming, thus extending bath life.



CERFA-KLEEN® 5354 Metal Cleaner produces cleaner parts and tools without odor and staining.

Results and Benefits

- The four week bath life was increased to six weeks – a 50% improvement.
- The final parts, as well as the tools, are now cleaner.
- The odor and staining are gone.
- The customer has saved \$15,000 in cleaner consumption due to longer bath life and \$10,000 in defoamer, which is no longer needed. A savings of \$25,000 per year was achieved.
- Improved labor costs were also experienced, adding another measureable benefit.



Total Savings of >\$25,000 per year!



HOUGHTON™
Fluid Partnerships Making a World of Difference

Fluid Partnerships Making A World Of Difference

Case study after case study demonstrates why Houghton International is leading the global Metalworking Fluids market today. Growth industries, such as automotive, aerospace, energy, steel and aluminum rolling, fabricated metal goods and energy, look to Houghton for Total Chemical Management. For over 150 years, our technology, coupled with value-added services such as formulation and on-site customization and monitoring, has reduced our customers' operating costs, improved productivity, increased product quality, and strengthened overall competitiveness. Currently, >13,000 customers worldwide, across a diversified range of manufacturing processes, have improved operations due to the mission-critical product portfolio of Houghton.

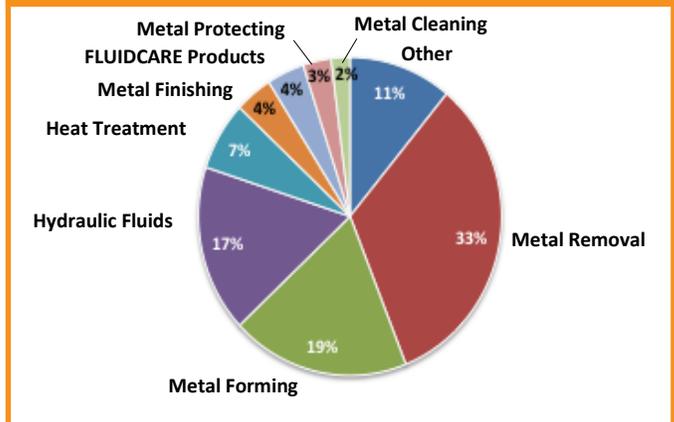
Building A Team For Customer Success

An approach that combines chemistry and technology with business expertise uniquely positions Houghton to support customer growth and changing market requirements. With over 2,000 employees in 33 countries, and 12 manufacturing facilities in 10 countries, we are well prepared to capture regional and local business opportunities and support growing expansion of global customers.

Through innovation, expertise and efficiency, our engineers and business specialists are able to build a team with the customer that ensures product optimization, employee health and safety, procurement and logistics management, and reduction of environmental impact. By providing both the solution to customers' fluid challenges and the foundation for continued improvement, Houghton offers a proven method of sustainable profitability.

For immediate consideration and evaluation of your fluids needs, and to request additional support material, please contact your Houghton International sales representative at houghtonintl.com/en-us/requestinfo.

Mission Critical Product Portfolio



Established Global Footprint



Established Client Relationships

Houghton International has long-standing partnerships with over

13,000 Leading Global Customers

servicing their metalworking fluids needs across a wide range of applications and diversified end-markets including **automotive, aerospace, fabricated metal goods, bearings, energy, non-ferrous and steel.**



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