

Bearings

Case Study:

Callina® Fluid 1210 – The Solution for slippery floors

The Unique Challenge

A bearings manufacturer in the southeastern US was struggling with slippery floors. There were multiple slips on the surface and ultimately a lost time incident from an employee slipping and tearing his knee, requiring surgery and several months out of work.

They painted the floors with grit to improve the surface and mandated specific safety shoes yet the floors remained a problem. The customer was using Qualichem's Tuff-Cut 970 in the floor scrubbers and Meyer's ZE-55 in their mop stations but it was not helping despite increasing the concentration multiple times.

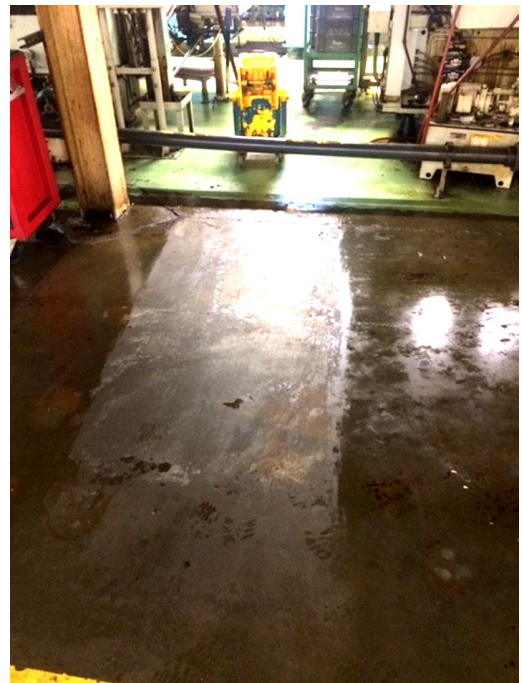


Results and Benefits

The customer's floors are now much cleaner and less slippery. The **Callina® Fluid 1210** showed improved quality while using considerably less product concentration. With product consolidation, there are no issues about using the wrong product for the application.

Callina® Fluid 1210
Eliminating slip-
pery floors and
improving worker
safety

The reduced concentration in the floor scrubbers and mop station resulted in \$12,000 annual savings.



The Houghton Approach

Houghton recommended changing to **Callina® Fluid 1210** – a floor and maintenance cleaner with excellent detergency and a non-slip, no rinse formula.

Callina® Fluid 1210 can be used in many industrial maintenance applications, thus eliminating the need for two different products. Houghton also recommended using a proportioner system to control concentration.



HOUGHTON®

Fluid Partnerships Making A World Of Difference

Case study after case study demonstrates why Houghton International is leading the global Metalworking Fluids market today. More than 20,000 customers worldwide across a diversified range of manufacturing processes have improved operations due to the mission-critical product portfolio of Houghton.

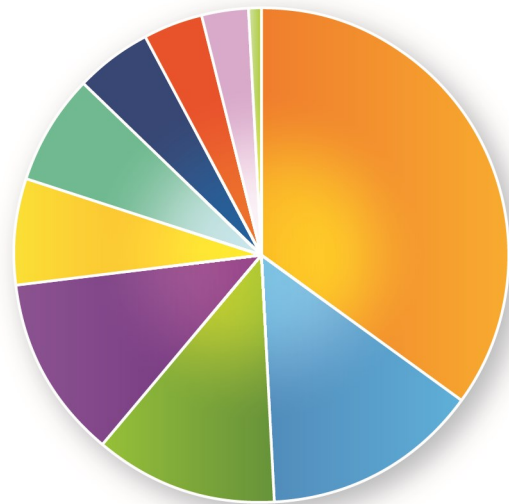
Building A Team For Customer Success

An approach that combines chemistry and technology with business expertise uniquely positions Houghton to support customer growth and changing market requirements. With around 2,000 employees in 80 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 www.houghtonintl.com

Houghton International Product Portfolio



● Metal Removal	35%
● Hydraulic Fluids	14%
● Steel Rolling	12%
● Metal Finishing	12%
● Non-Ferrous Rolling	7%
● Heat Treatment	7%
● Metal Forming	5%
● Metal Protection	4%
● Metal Cleaning	3%
● Other	1%

Established Client Relationships

Houghton International has long-standing partnerships with over

20,000 Leading Global Customers

serving 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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