

Automotive

The Unique Challenge

This customer is a global leader supplying OEM and aftermarket brake components in the aviation, automotive, commercial vehicle, industrial, and motorcycle and rail markets.



The company has two facilities in North America. One plant manufactures aftermarket components and the other plant manufactures OEM components.

One plant utilized Castrol FST 14 and the other plant used **Drawsol® 850 X2** for fine blanking operations.

The customer's goal was to consolidate suppliers and eliminate chlorine due to corrosion concerns and wash tank residues.



Case Study:

Automotive component supplier consolidates vendors and eliminates chlorine using **Drawsol® 6300**

The Houghton Approach

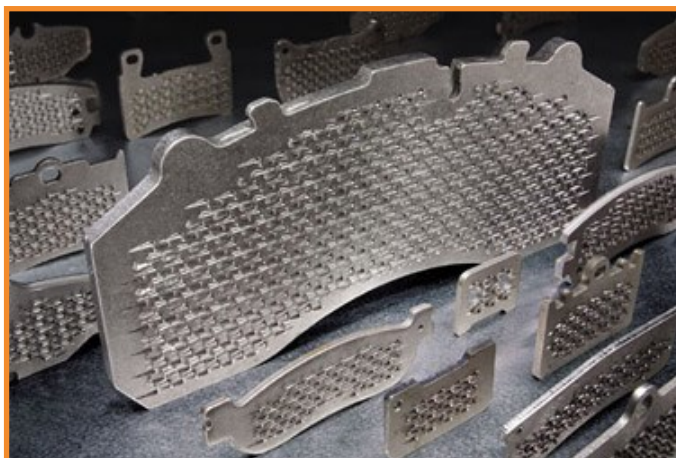
Houghton proposed **Drawsol® 6300** as a replacement product for the applications.

We started with a trial of **Drawsol® 6300** at Plant #1. After a successful trial at the first facility, **Drawsol® 6300** was trialed at Plant #2.

Results and Benefits

Both facilities are now very happy with **Drawsol® 6300**.

In addition to consolidating suppliers, they have eliminated corrosion and residue issues associated with chlorine.



Air Disc Bakes



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.***



Houghton International Inc.
P.O. Box 930 • Valley Forge, PA 19482-0930
Phone: 610-666-4000 • Fax: 610-666-1376
www.houghtonintl.com

HI 10056 17.01 US