



REMANUFACTURING



Remanufacturing Solutions

The Right Cleaners Benefit More Than Just the Machines.





Overview

We are the global leader in industrial process fluids. With a robust presence around the world, including operations in over 25 countries, our customers include thousands of the world's most advanced and specialized steel, aluminum, automotive, aerospace, offshore, can, mining, and metalworking companies. Our high-performing, innovative and sustainable solutions are backed by best-in-class technology, deep process knowledge and customized services. At Quaker Houghton, we understand that remanufacturing plays a crucial role in a circular economy, empowering businesses to extend the lifecycle of their products and reduce waste. Our remanufacturing solutions include:

- Surface finishing products for stripping paint, carbon, and rust from parts
- Heavy-duty and general-purpose cleaners for removing a wide range of soils from a variety of substrates
- Aluminum paint removal products
- Rust protection
- Selective electroplating products and services

We take a solution-driven approach comprised of world-class products and services to reduce operating costs, improve productivity, increase product quality, and strengthen our customers' competitive advantage. With our expertise and industry knowledge, together we can achieve:

- Improved Velocity-Reduction in component cleaning cycle times and improvements in first run yields
- Reductions in Operational Cost -Identify the hidden cost of cleaning; targeting process improvements to impact the bottom line spend
- Waste Minimization-Reductions on volume of waste created utilizing QH engineered service & laboratory analysis
- Reductions in Warranty- Media free cleaning technologies & reductions in sediment counts
- Improved Ergonomic Impact -Reductions in need for component manual detail operations

Remanufacturing Solutions

Our remanufacturing products are designed for cleaning oil, grease, paint, dirt, and carbon, and removing paint and oxides.

Products are formulated to perform on new multi-alloy components as well as older cast and steel only units. Quaker Houghton focuses on reconditioning various alloys, including aluminum castings, steel, titanium, stainless and other materials commonly used in engine and power components.

REMANUFACTURING PRODUCTS



HEAVY DUTY CLEANERS:

Designed to provide long bath life and tolerate high soil loads, our cleaners are effective on most soils, including resinous compounds. These cleaners deliver heavy duty performance, are excellent at soil emulsification, and can be used in all immersion cleaning systems. Multi-metal safe options are available.



GENERAL PURPOSE CLEANERS:

Specially formulated with low solids content, these cleaners are free rinsing and have flash rust protection. Phosphate and silicate-free products are available.



PAINT REMOVAL:

These products formulated with special surfactants, dispersants and inorganic agents are designed to strip paint in immersion applications. Aluminum-compatible products are available in addition to products specially formulated for ferrous alloys. HAPs-free options are available.



OXIDE REMOVAL:

This range of products is designed for any oxide removal need, from laser scale to heavily rusted ferrous alloys. Alkaline, acidic, and neutral products are available.



RUST PROTECTION:

Quaker Houghton has a full range of corrosion prevention products, including rust preventives that provide good wetting and a clear, dry to touch film.

Our products perform exceptionally on aluminum and magnesium castings including heads, blocks, manifolds, etc. in removing carbonized/burned-on petroleum byproducts that result from engine operation. During this chemical cleaning and stripping process, the components are deoxidized and will be restored to a like-new appearance and condition, thus allowing for OEM performance.

Before & After

6 Cylinder Engine Block

HOUGHTO-STRIP 8900

Alkaline cleaner/stripper for:

- Heavy-duty rust
- Oil
- Carbon
- Paint



Aluminum Piston Casings

TEC STRIP 6 PLUS -

- Liquid paint stripper



Cylinder Head

RS-493

- Non-alkaline surface rust remover.



A Global Leader

The secret to our history of successful innovation begins in our customer's manufacturing plants and process operations all over the world. Our research and development efforts are focused on solving the problems that affect all industry each day and many of the leading global manufacturers depend on Quaker Houghton to optimize their operations and increase profitability.

Forward Together™

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