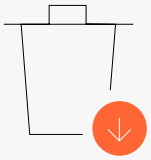
Chem Trend
Release Innovation™

CASE STUDY - RUBBER

A one-product solution for a complex problem.

REDUCED MATERIAL WASTE



REDUCED DOWNTIME

WHAT WE ACHIEVED.

A smooth, comfortable car ride doesn't just happen. It's a technological challenge that requires careful calibration of a complex system — and the production of each individual part of that system requires precision to ensure superior performance. When a global player in the automotive vibration control technology market was experiencing high scrap rate due to issues with clogging of the release agent application system, we stepped in. We learned that they had begun alternating two different release agents throughout their process to mitigate the problems they were facing, leading to complexity and inefficiency. We provided an ideal fix: a single product that could solve clogging issues and reduce scrap rate.

HOW WE GOT THERE.

We instituted careful measures to find the ideal product for the customer's process. We worked in conjunction with their process engineering and development laboratory to find a replacement, making improvements in the release agent application system. After the testing period, we identified a product that would be universally effective throughout the operation. We also replaced pressurized tanks with pneumatic pumps to improve the release agent application process. To make sure that the changes reached their optimum potential, we provided training and technical support for the employees responsible for the application of the release agent and process engineering.

OUR SOLUTION.

By switching to a single, effective product, we were able to avoid the issue of mixing different release agents or applying the wrong release agent at the wrong time. The new Chem-Trend product is successfully reducing mold release agent clogging of applicators. This is helping unleash untapped productivity by reducing unnecessary downtime. Through extensive trialing, collaboration with the customer, and operator training, we created a solution for the everyday difficulties the factory was facing.

HANDPRINT IMPACT

At Chem-Trend, we pride ourselves on our long history of sustainability efforts. However, it is our effect on our customers' processes that provides the greatest impact. It goes beyond our global Footprint; it is our even wider Handprint.

Here, we achieved the following:

- Reduced product waste and energy consumption by lowering scrap production
- Reduced energy waste through fewer stoppages for cleaning clogged applicators
- By creating a single-product solution, we helped reduce product handling

Materials Waste Energy

For more information about our capabilities to support rubber molding, or other stories, visit CHEMTREND.COM