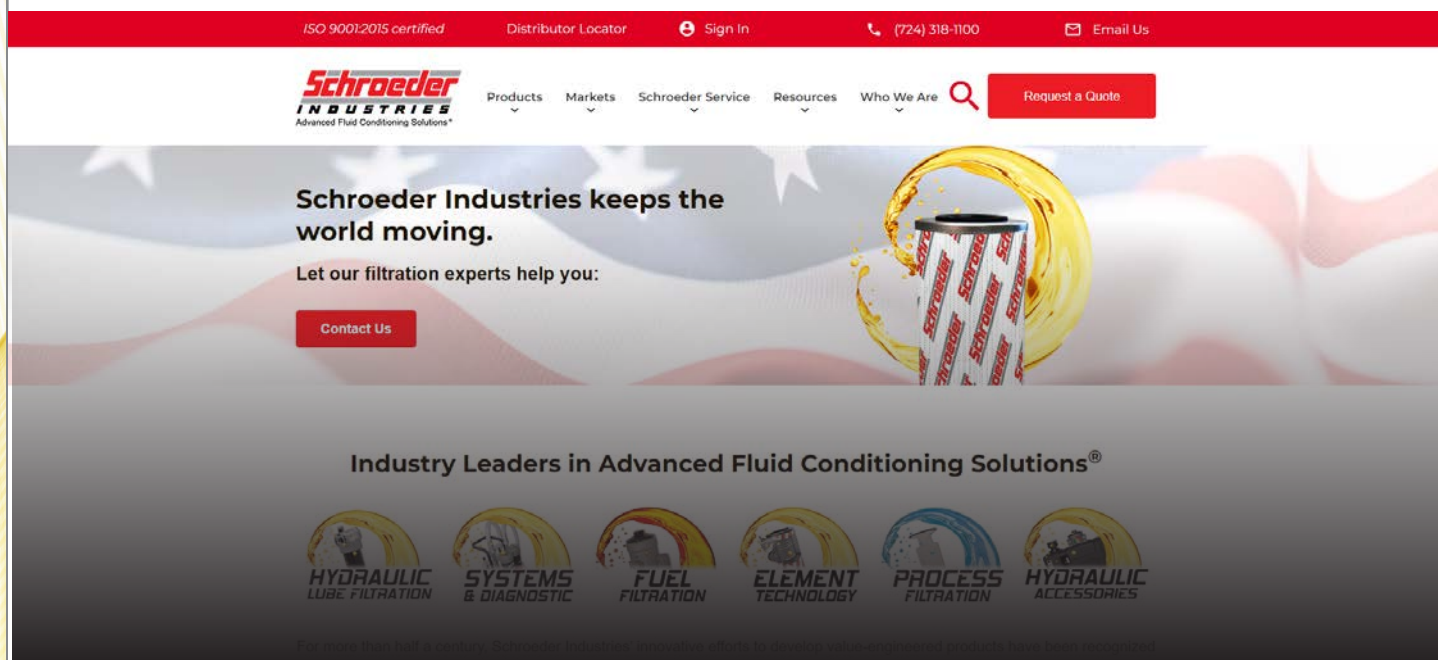


Welcome to the eighteenth volume of our Schroeder Industries Monthly Newsletter!

Check Out Our Updated Homepage!

The same great products and resources, with a new look.
Visit schroederindustries.com to see our new and improved homepage!



Upcoming Trade Shows

Come Find Schroeder Industries at Work Truck Week!



March 6-8, 2024 | Indianapolis, IN

Booth #2920

Let's Talk Dehydration

Drowning in water contamination?

Our products can help!

Ask The Experts

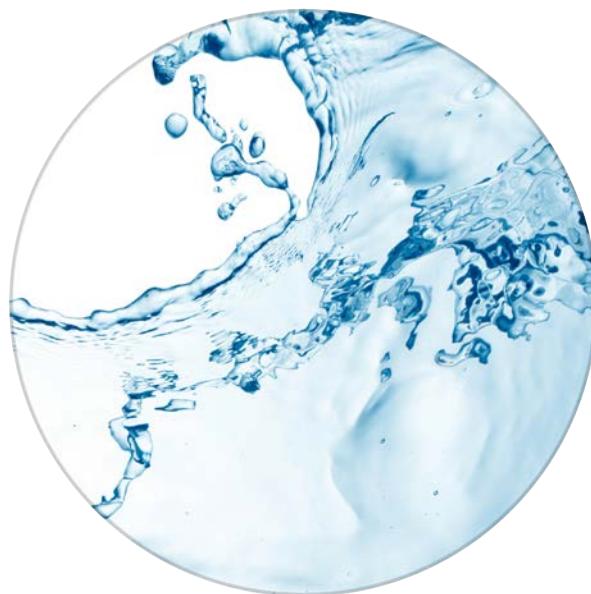


Water contamination can have serious, potentially irreversible impacts on a hydraulic system!

In this edition of the Schroeder Industries Monthly Newsletter, we explore the effects of water contamination, and the Schroeder solutions that can help.

Water contamination can occur in a hydraulic system in two primary ways:

- **Ambient humidity**, which can ingress into the reservoir headspace and condense into the oil. Humidity can vary depending on the location and season, so pay attention to the conditions your equipment operates in and monitor your fluid condition accordingly.
- **Pre-contamination of new fluid due to poor storage**. Be sure to examine any new fluid for water contamination before introducing it into your hydraulic reservoir.



The impacts on your system can be extremely costly:

- Cavitation
- Corrosion
- Varnish buildup
- Reduced operational efficiency
- Increased downtime
- Expensive repairs

Dehydrating solutions from
Schroeder Industries can help!

Schroeder Successes: TDSE & TDSA Tackle Saturated Fluid

Case Study: Triton Dehydration Stations® Address Water In Hydraulic Press Without Added Downtime

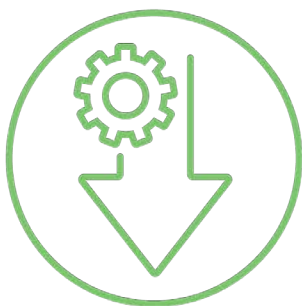
When an automotive parts manufacturer found high water levels in the hydraulics of a critical hydraulic press in their facility, they needed a solution quickly.

With a rental TDSE from Schroeder Industries, the customer was able to resolve their contamination issues, reduce their oil consumption, and maintain uptime without unduly interrupting operations.

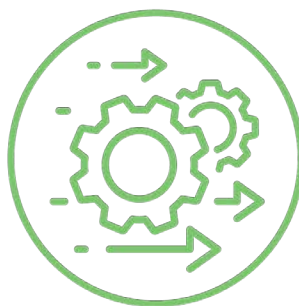
In fact, the performance of the TDSE was so impressive that the customer ultimately purchased their own TDSA to maintain fluid quality and ensure continued high performance!



With the power of the TDSE and TDSA, this customer saw a 40% reduction in oil usage!



**Machine Downtime
Reduced**



**Consistent Operation
& Quality Maintained**



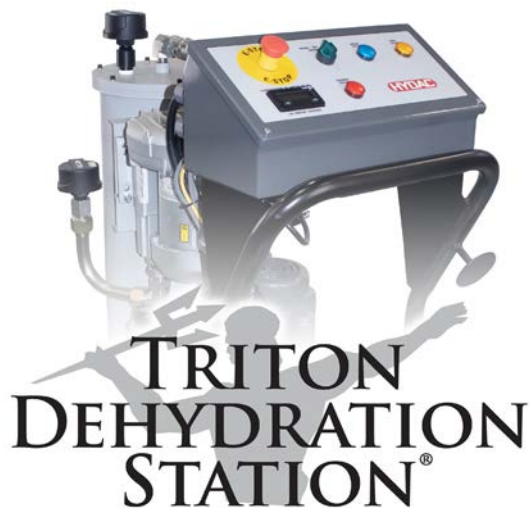
**40% Reduction in
Oil Usage**

View the full case study:



Dehydrating Solutions from Schroeder Industries

Schroeder Industries offers a variety of products targeting water contamination in hydraulic fluid and oil, including:



Triton Dehydration Stations®

The Triton Dehydration Station® series uses patented mass transfer dewatering technology to eliminate 100% of free water and up to 90% of dissolved water.

Learn More:



Aqua-Excellement® High Efficiency Media

Schroeder's Aqua-Excellement® filter elements are engineered to excel at removing both water and solid particulates from petroleum-based fluids.

For powerful particulate filtration and water removal, add Aqua Excellement® to your arsenal!



Learn More:



North American Vacuum Dehydrator (NAV)

The North American Vacuum Dehydrator (NAV) uses vacuum dehydrating technology to remove both free and dissolved water, and gases, from oil. In addition to water and gas, the NAV also removes solid contaminants from the oil with the use of highly efficient filter elements installed on the unit.

Learn More:



NEW: Head Space Dehydrator (HSD)

Head Space Dehydrator

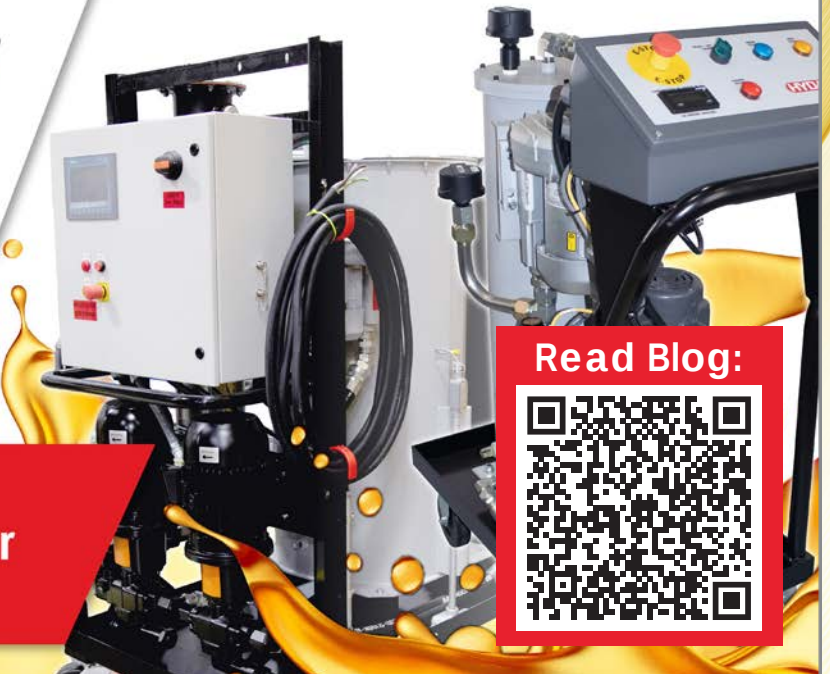
Prevent water contamination before it happens!



Learn More:



Dewatering units like the Triton Dehydration Stations® are great for conditioning saturated fluid. However, preventing critical levels of water contamination before they occur is ideal. The HSD addresses one of the most common ways water can enter hydraulic fluid **by conditioning humid air that enters and condenses in the reservoir head space**. Learn more about the latest dehydration solution from Schroeder Industries!



Read Blog:



Triton Dehydrators: The Ultimate in Mass Transfer Dewatering Filtration

Triton Dehydrators: The Ultimate in Mass Transfer Dewatering Filtration

Water contamination can have serious, potentially irreversible impacts on hydraulic systems causing increased oil expenses, costly downtime, expensive repairs, and more! The patented technology of the Triton Dehydration Stations® can help protect your system from the effects of water contamination.