



Dehydrator Addresses Water In Hydraulic Press Without Added Downtime

Technical Application Bulletin

CHALLENGE

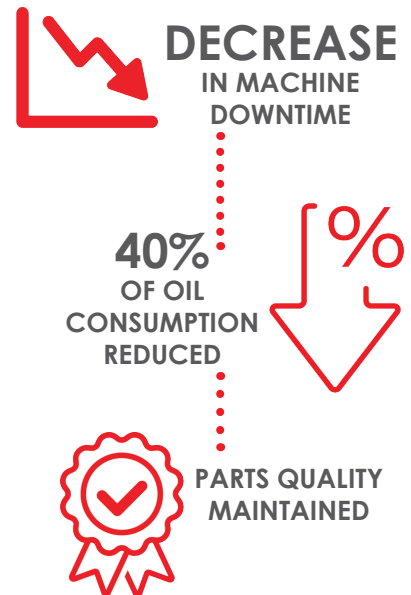
A customer presented fluid samples that contained high levels of water in the hydraulics of a critical press. The customer wanted to make sure that the manufacturing up time and manufacturing parts quality objects were maintained and wanted to be able to deal with unforeseen machine upsets. In this automotive industry, parts are manufactured as close to delivery time as possible, leaving a small window of opportunity for repair if a machine were to break down. A solution was needed to address the water in the system without delaying the operation.

APPROACH

To address the water in the system without delaying operation time, a rental dehydrator, TDS-E, was offered. After seeing that the rental was able to maintain parts quality and maintain consistent machine operation, a separate unit, TDS-A, was purchased.

RESULTS

- Reduced machine downtime as a result of clean, dry oil
- Parts quality maintained with consistent machine operation
- Reduced new oil consumption by 40%



The Triton Dehydration Station® (TDS-A) is designed to eliminate 100% of free and up to 90% of dissolved water from small reservoirs, barrels, and gear boxes. The TDS-A uses patented mass transfer dewatering technology.

