

# SCHROEDER INDUSTRIES OFFERS REAL-TIME CONDITION MONITORING SOLUTION

## 1 BACKGROUND

One of our specialty distributors started working with a large automobile manufacturer on their hydraulic oil leakage and consumption. While reviewing the equipment, they noticed kidney lube systems purchased from a competitor. Talking to the lubrication manager, they found out the large quantity of elements changes they were doing per year. At the same time, the manufacturer could not get an ISO code at the most critical presses without bottle samples.

## 2 PROBLEM

How to monitor in real time the ISO count at these reservoirs? How to reduce the number of element changes throughout the plant?

## 3 SOLUTION

We trained and installed four TestMate® Contamination Monitors | TCM on the most critical systems. This would provide the lubrication manager real time monitoring without having to rely on bottle samples.

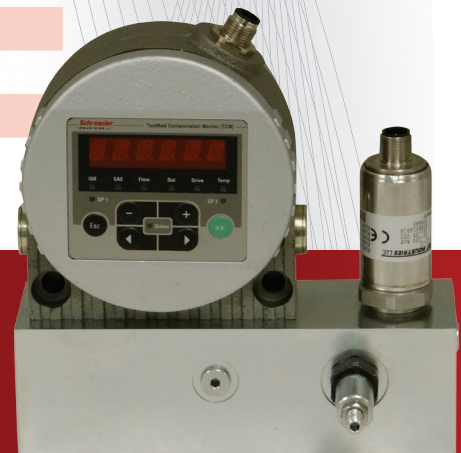
We reviewed the elements used and provided samples for their systems. We changed the elements to Z media instead of cellulose in some systems

Training: the customer and Schroeder are developing standards to train the entire 100+ lubrication crew across the plant.

**Customer:** Automotive Manufacturer

**Fluids Addressed:** Hydraulic Oil

**Schroeder Product:** TestMate® Contamination Monitor | TCM



## 4 RESULTS

The TCMs are providing current ISO monitoring to the most critical equipment. Reviewing the media and after testing at the facility, Schroeder was able to show our elements up to 60% (average) higher dirt holding capacity, which resulted in less element changes per year. By using our Z-media®, the customer will be saving approximately \$80,000 / year in inventory and about \$15,000 in productivity.



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