



EXOTIC

AUTOMATION & SUPPLY

Filtering Oil in Machine Reservoir

Problem

The customer was experiencing machine downtime due to valve failures. Exotic began to troubleshoot the system and after an onsite oil sample test of multiple machines, it was discovered that the oil in the system did not meet cleanliness requirements for the valves.

Solution

Exotic's mobile service team removed the contaminated oil from the machine reservoir. Once completed, the technicians discovered slug and rust that had settled into the reservoir. At this time, the technicians began to remove the settled contamination. Once the reservoir was cleaned, our technicians filled it with oil and filtered with a filter cart for 24 hours. After filtration was complete, Exotic took additional oil samples for testing. The ISO count after flushing was 14/13/11.



Featured Products

Exotic Filter Cart- Exotic Automaton & Supply's filter carts provide a convenient portable mode of off-line filtration, flushing & fluid transfer. The filter carts consist of 10-micron (EXMFCFD10Q) & 5-micron (EXMFCFD05Q) filter elements which resulted in a 99.5% efficiency rating.

Success Factors	Customer Value
Exotic's team was able to locate the problem and successfully use our products alongside Parker Hannifin products to filter the reservoir.	Previous machine downtime problem was solved, contaminated oil was removed from the machine reservoir, and afterwards the oil met cleanliness requirements for the valves.