CUSTOMER

ARISTON

LOCATION

CERRETO, D'ESI ANCONA, ITALY / AUG 2009

EQUIPMENT

PARTS WASHER

APPLICATION

PARTS WASHER FLUID

PROVEN RESULTS



PARTS
WASHER FLUID
PASSES
QUALITY CONTROL
AND LASTS
3 TIME LONGER

Since installing the OEI magnetic Filter our cleanliness levels have increased and the cleaning fluids are lasting 3 times longer"

- Mauro Bernardini, the Maintenance Engineer

CHALLENGE

Reduce contamination in the parts washing fluid to meet quality control cleanliness levels for painting.

SOLUTION

Renox, OEI's distributor for Italy, recommended the installation of an OEI magnetic filter scrubber in place of conventional bag filtration.

RESULTS

Photos show the contamination collected after only one week of operation.

Removal of these contaminants has extended the life of the cleaning fluid, and reduced material waste and production costs.



PRODUCT RECOMMENDATION

MAGNETIC FILTER SCRUBBER







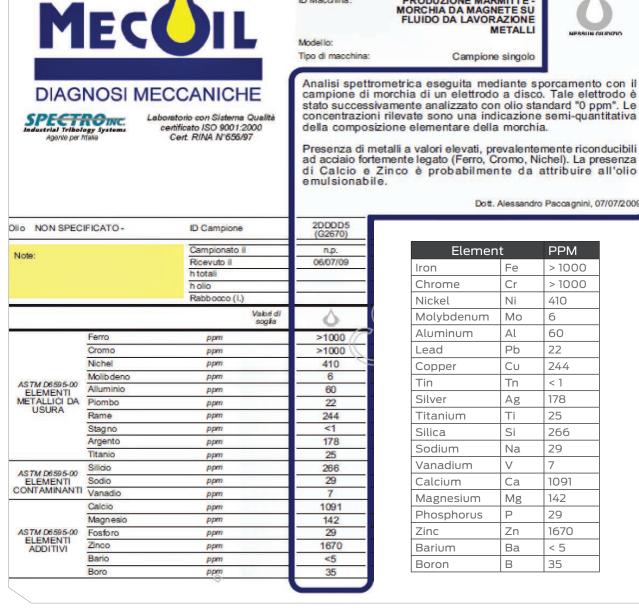


RESULTS

An analysis showed that the OEI magnetic filter element captured both ferrous and non-ferrous contamination from the parts washer fluid. . The report shows a large amount of chromium on the magnetic filter: This means that particles of AISI 304 (which should be CR 18 %, NI 10 % C 0.05 %) were captured.

Spectrometric Analysis was done by dirtying a disc shaped electrode with a sample of the sludge. This electrode was then compared to standard oil at 0 ppm. The concentrations found are a semi-quantitative indication of the elementary composition of the sludge.

> RENOX Srl ID Macchina:



Dott. Alessandro Paccagnini, 07/07/2009			
Elemer	ıt	PPM	
Iron	Fe	> 1000	
Chrome	Cr	> 1000	
Nickel	Ni	410	
Molybdenum	Мо	6	
Aluminum	Αl	60	
Lead	Pb	22	
Copper	Cu	244	
Tin	Tn	< 1	
Silver	Ag	178	
Titanium	Ti	25	
Silica	Si	266	
Sodium	Na	29	
Vanadium	V	7	
Calcium	Ca	1091	
Magnesium	Mg	142	
Phosphorus	Р	29	
Zinc	Zn	1670	
Barium	Ва	< 5	
Boron	В	35	

PRODUZIONE MARMITTE

MORCHIA DA MAGNETE SU FLUIDO DA LAVORAZIONE

METALLI

Campione singolo

