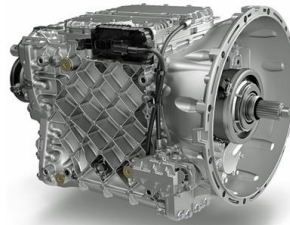


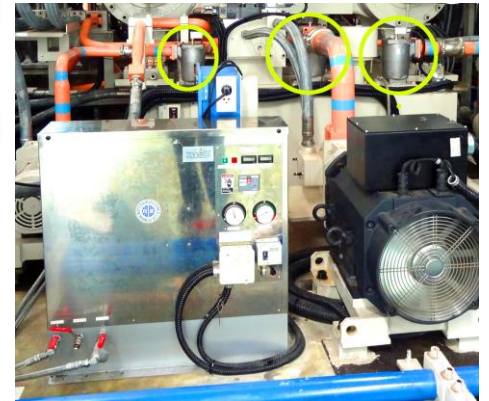
MB  
Information

# For die casting machine!

To reduce costs of expensive maintenance.  
No need to replace even chemical synthetic oil.



←Customer who produces aluminum case etc. of automatic transmission.



→  
Eliminate troubles such as hydraulic pressure reduction due to clogging of hydraulic pump and suction filter (yellow circle)

↑MB SRC-813-10V



←Hydraulic oil is transparent and oil surface meter is shiny.

→  
Standard installation, R bypass filter is no longer required.



←  
MB sucks from the drain of the tank,

→  
return oil from the top of the tank.



<b>Before</b>	Equipment Oil Filtration unit Problem	Ube Machinery 1600t Aluminum die casting machine Ester Flame retardant hydraulic oil 3,000ℓ Company "R" bypass filter Cost of exchanging oil was quite expensive.
<b>Solution</b>	Action MB Model#	Installed MB to the hydraulic tank of die casting machine. SRC-813-10V (Element:GE-41-MR1)
<b>Result</b>	Synthetic oils also need to be replaced as oxidize and moisture in it increases though it is chemically stable. Of course, the degree of contamination is high regardless of synthetic or mineral oil. MB GE-41-MR1 element can control oxidation value and moisture value of chemical synthetic oils, which could not be done before, and the viscosity of the hydraulic oil does not change. Cleanliness is more <b>than new oil</b> .The clean hydraulic oil enables 100%of the hydraulic servo valve's performance and <b>improves casting quality</b> .	
<b>Feedback from customer</b>	Since equipment failure causes the suspension of the automobile production line, we are focusing on the management of hydraulic oil as preventive maintenance. Changed from the old water glycol based to ester synthetic oil, management got easier. However, the cost of changing oil jumped several times, so it became difficult to change the oil. Now hydraulic oil management has become only a year changing the elements of MB. Filter and line filter, which were originally attached, and of course hydraulic oil have not been changed either. No longer worried about the electromagnetic valve and hydraulic pump failure, that is the happiest thing.	