

6. Continuous Casting

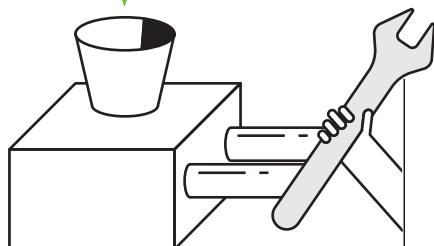
DOWNTIME: NOT ALWAYS THE PROBLEM IS IN THE PRODUCTION

THE PROBLEM

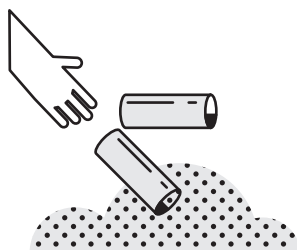
SERVOCYLINDER
MALFUNCTION

NEED TO BLOCK
THE CASTING PROCESS

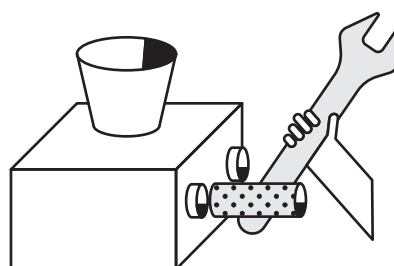
CONTROLS ANALYSIS



Starting from oil analysis, the problem was discovered during the changing of casting size.

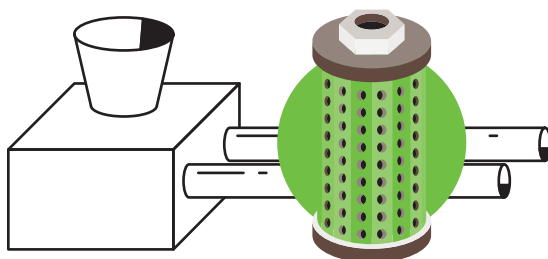


During this operation the dust which deposited on the connectors surface, contaminated also the quick connectors.



At system restart, the particles on connectors surfaces entered into the system and clogging the servovalve. As a consequence, the cylinder could no longer work properly.

**LA RICAMBI
UDINESE
SUPPLY**



Through an operation of "Revamping" of the filtration system, a special filter was inserted between the connection point and the servo-valve avoiding particles ending on the servo-valve.

WITH THIS SOLUTION, THE DUST THAT COULD SETTLE ON CONNECTORS AND THAT COULD BE DRAGGED INSIDE THE SERVO-VALVE, IS SHUT OFF BY THE FILTER. THANKS TO THIS SYSTEM, ALSO THE STOP OF THE CASTING WAS ELIMINATED.