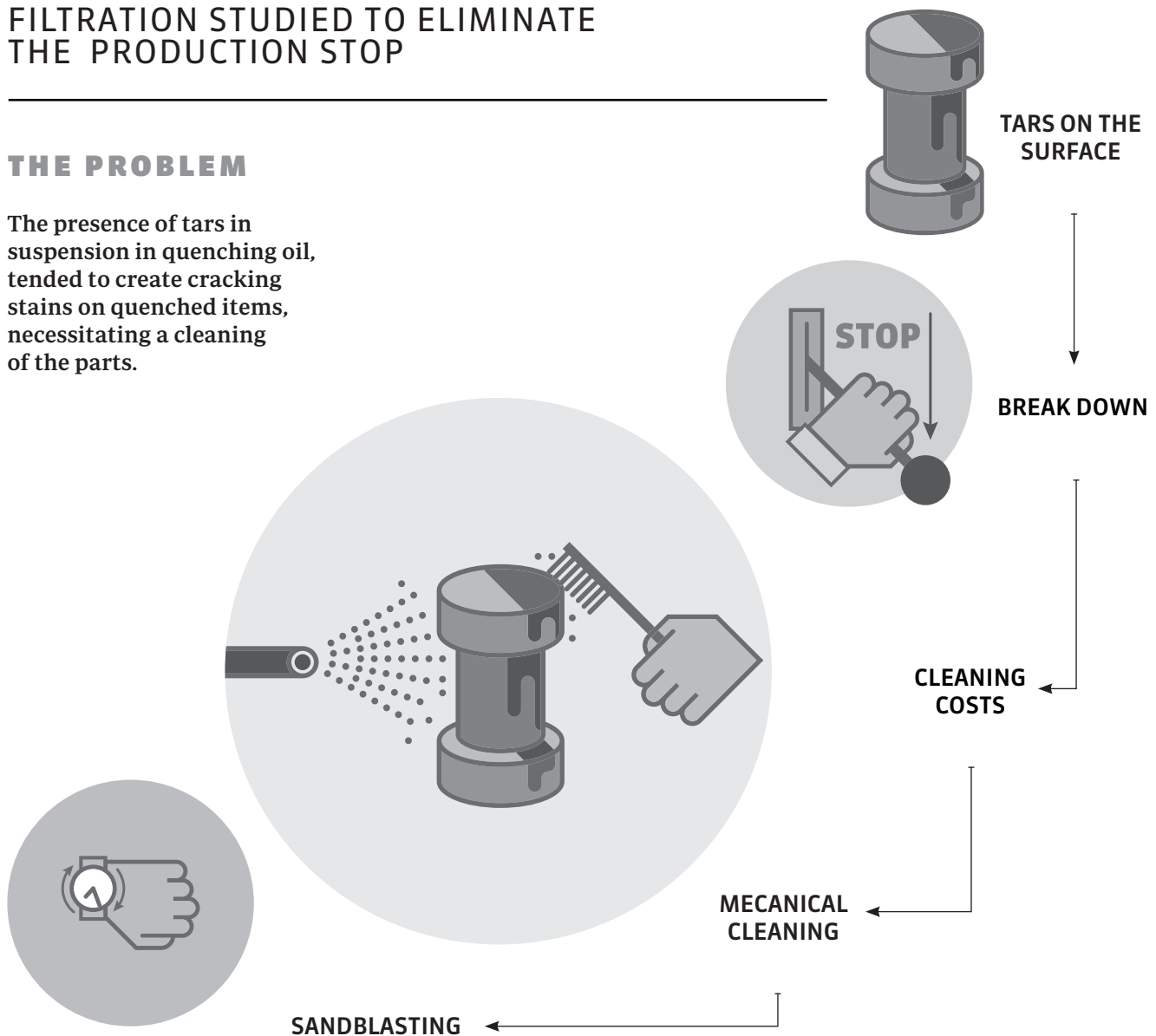


# 4. Quenching

## FILTRATION STUDIED TO ELIMINATE THE PRODUCTION STOP

### THE PROBLEM

The presence of tars in suspension in quenching oil, tended to create cracking stains on quenched items, necessitating a cleaning of the parts.



### ADVANTAGES

#### LA RICAMBI UDINESE SUPPLY

La Ricambi Udinese has selected a filtration system able to retain tars working at the correct temperature, picking the oil directly from the quenching tank without interrupting the quenching process.

The new filtration system has allowed to obtain oils without pollution, it has improved system efficiency and eliminated subsequent processing actions to clean parts from tars. The semi-finished product, once hardened, now comes out from the plant and is immediately ready to go to subsequent processing flow.