

GEARBOX COVER REDESIGN

Steel Industry | Maintenance Optimization



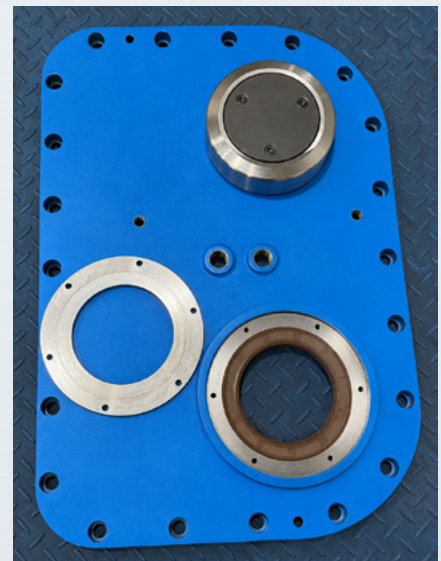
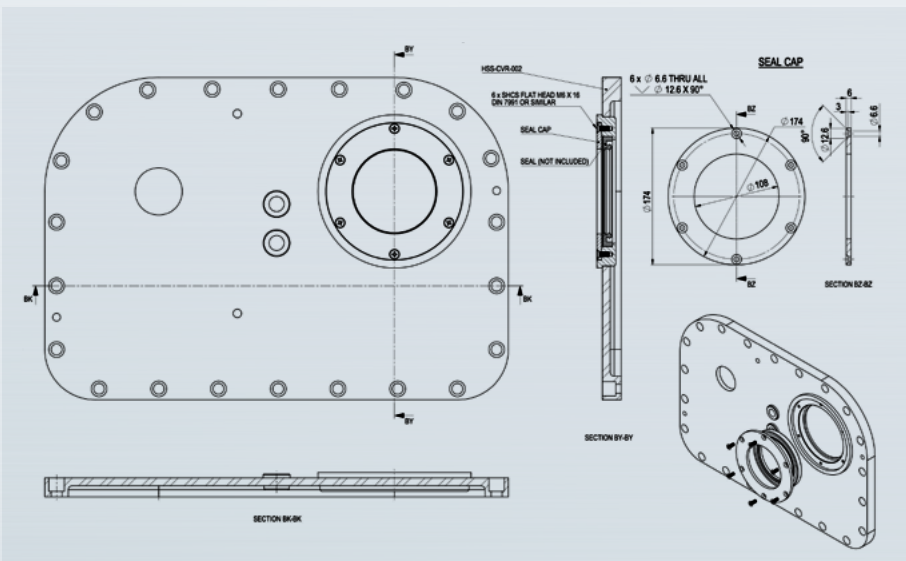
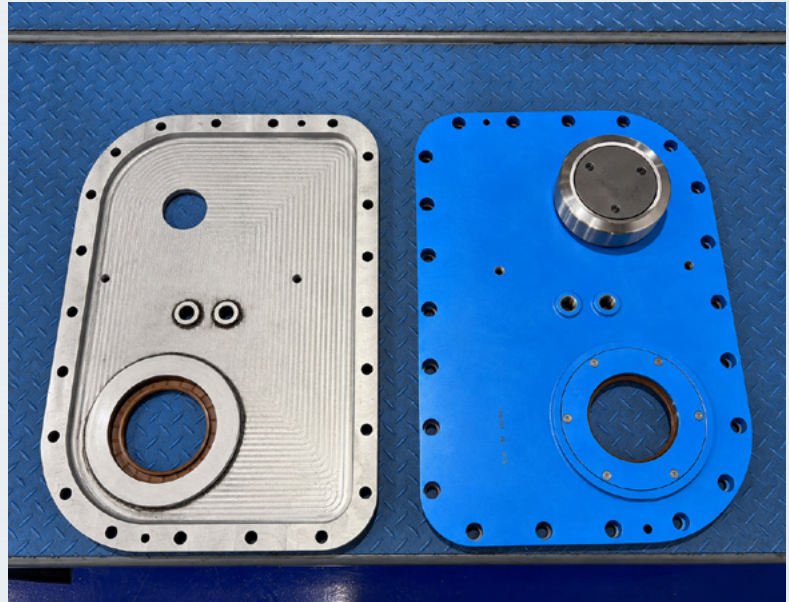
Redesigned for easier maintenance and faster seal replacement

THE CHALLENGE

The gearbox design only allowed the seal to be accessed from inside the housing, requiring the entire cover to be removed for seal replacement. This increased disassembly requirements and maintenance complexity.

THE SOLUTION

ABS redesigned the gearbox cover to provide external access to the seal, enabling replacement without removing the complete cover.



THE IMPACT

- Simplifies future seal replacement
- Reduces disassembly requirements
- Improves overall maintainability

Application-Driven Engineering

ABS develops engineered solutions that address real maintenance and operational challenges.