

Case Study

John Crane Sense® Turbo



Helping an oil and gas producer increase remaining useful seal life and reduce costs.

- Who is the client?** _____ **A global organization in the oil and gas sector.**
- What was the situation?** _____ During compressor slow roll, their non-drive end (NDE) seal faces were lifting off — but their drive end (DE) seal faces were remaining in contact (for approximately 30 additional minutes).
- And that meant:** _____ The friction from this contact was causing excessive wear and shortening the remaining useful life of the seal.
- How did we help?** _____ Working with the customer, we adjusted the compressor start-up process to slightly increase the slow roll speed — allowing for complete lift-off of both the NDE and DE seals.
- This was achieved by:** _____ Using data from our John Crane Sense® Turbo solution, which provided vital insights into how the start-up procedure could be modified.
- What was the impact of our solution?** _____ By adjusting the slow roll speed, this organization has eliminated unnecessary wear on the DE seal during the start-up process.
- As a result:** _____ They've been able to increase the longevity and remaining useful life of their seals, helping them minimize disruption and reduce maintenance and replacement costs.
- Could this work for me?** _____ By providing insights that aren't always possible with other industry solutions, John Crane Sense® Turbo can help any company looking to reduce downtime and maximize the longevity of their assets.

Launched globally, except for Europe. European launch expected in January 2025.

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