



Case Histories



Presented by:
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SMIDDY (IMSC) Ltd. & partners **NASH**



The Seal Repair Specialists
Europe's largest Independent seal repair business

- ▶ Flowserve Mixerpac 2552/125
- ▶ Comber Filter Dryer, Republic of Ireland
- ▶ Lercanidipine
- ▶ 1 to 15 rpm, 15 – 70°C, -1 to 2 barg, 4 barg N2 barrier gas
- ▶ Seals repaired and rotary faces upgraded to a carbon grade specifically designed for dry nitrogen applications. Average seal life increased from 9 months to 3 years



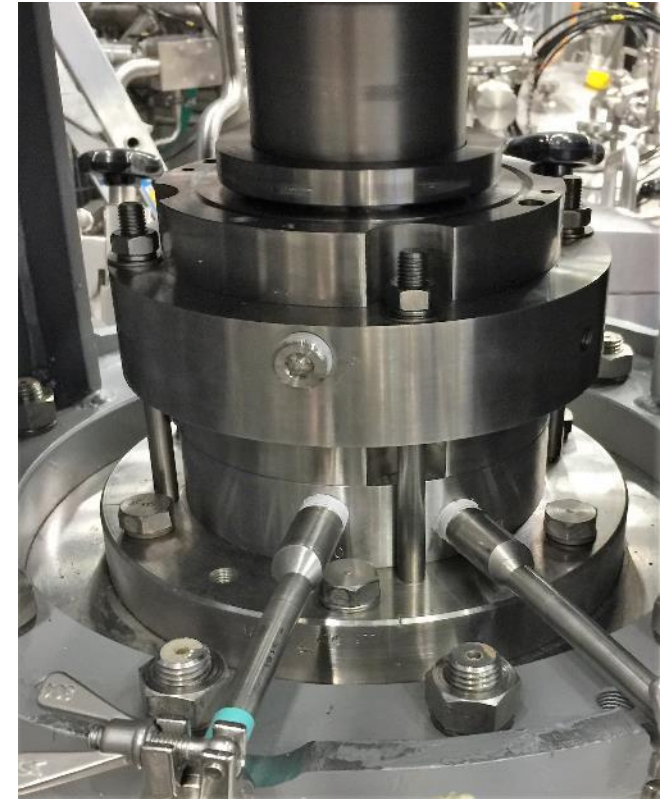
- ▶ John Crane 5282GD/60mm, Gas Lubricated
- ▶ GL Filter Dryer, Israel
- ▶ Pharmaceuticals
- ▶ 5 to 25 rpm, 15 – 70°C, -1 to 4 barg, 6 barg N2 barrier
- ▶ Seals were being repaired locally, but regularly failed within months. Working with NASH, MTBF is now +3 yrs. We recently introduced a service exchange unit at NASH to minimise process down time



- ▶ Pfaudler Double Seal Cartridge 140mm
- ▶ Pfaudler VSO Glass Lined Reactor
- ▶ Pharmaceuticals
- ▶ 90 rpm, 100°C, 3 barg, 5 barg barrier
- ▶ NASH provides Pfaudler UK and Ireland with an exclusive aftermarket repair service for their entire range of vessel seals. This service is also available to end users through all our partners in EMEA



- ▶ John Crane T7700/90mm, Gas Lubricated
- ▶ Stainless Steel Vessel
- ▶ Pharmaceuticals
- ▶ 80 rpm, 130°C, 3 barg, 4 barg N2 barrier
- ▶ Seals were originally liquid lubricated and being repaired in house, but regularly failed within months. Working with NASH, seal was converted to gas lubricated configuration and MTBF is now +3 yrs.



- ▶ John Crane T151/140mm
- ▶ Alloy Mixer
- ▶ Chemicals
- ▶ 90rpm, 100°C, 2 barg, Mineral Oil @ 4 barg
- ▶ One of many engineered seals repaired via one of our OEM Mixer partners for a global chemical manufacturer

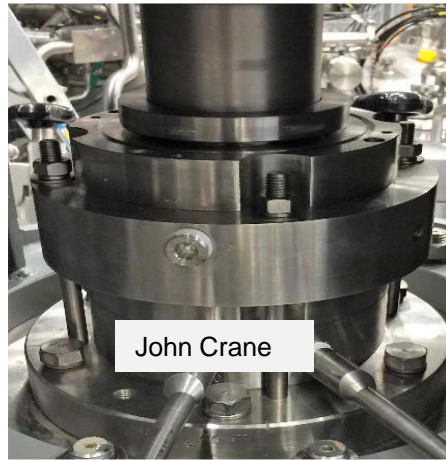




We Repair all Types of Mechanical Seals



Burgmann



John Crane



Flowserve



Flowserve



GAS seal repairs
& compressor seals

Engineered Special



De Dietrich MDL100



Pfaudler VSO



John Crane



The Seal Repair Specialists



SMIDDY
(IMSC) Ltd



We provides a 24 hour emergency refurbishment service for all Seal Types



Qualified engineering team, in-depth knowledge of products & services



Detailed Condition reports



ATEX Zone 0, Zone 1- 21, Zone 2- 22 seal repairs



The Seal Repair Specialists



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