

# Seal Repair Center – adding value to dry gas seal overhauls

Not getting the seal life or performance you need from your current compressor seals? Contact Kaydon's Seal Repair Center for an analysis and proposal to improve the reliability and time between overhauls for your compressor seal installations.

Seals repaired by Kaydon are tested and verified to required specifications, and guaranteed to perform like new (or better). Only Kaydon has the engineering knowledge base, manufacturing capability, and testing facility to offer guaranteed seal repair for any make, any type, any model with quick turn-around and at a fraction of the cost of a new seal.

## Experienced in servicing all makes and models

- John Crane Type 28AT and 28XP
- Flowserve Gaspac series
- EagleBurgmann DGS
- Kaydon Dry Gas Seals

All repairs are backed by a 12 month warranty.



## Detailed evaluation and repair

- Fluorescent and magnetic particle inspection of critical faces and components
- Optical flatness of seal faces confirmed
- Recommendations for improved operation and reliability
- Engineered repair and replacement of all o-rings, springs, and miscellaneous hardware, stationary and rotary faces
- Refurbishment of secondary seal balance diameters
- Reverse engineering and replacement of components and assemblies beyond repair
- Reassemble and test seals at specified speed and differential pressure
- Detailed inspection report documents causes of performance issue and repairs/replacements made
- Witness testing welcome

Kaydon's dry gas seal application group has the experience and expertise to help determine failure modes, and suggest upgrades, improvements, and changes to benefit seal dry gas seal operation.

The Kaydon Seal Repair Center provides refurbishment and replacement seals for all makes and models of dry gas seals.

Contact us today at  
[sealrepair@kaydon.com](mailto:sealrepair@kaydon.com)

Kaydon Ring & Seal,  
 1600 Wicomico Street,  
 Baltimore, MD 21230, USA  
 Tel: +1 410-547-7700  
 Fax: +1 231-759-1638



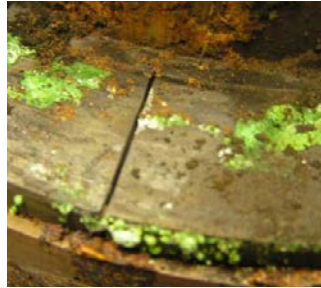
*Dry gas seals returned for repair from African methanol plant*



*Catastrophic failure of seal face after loss of thrust bearing*



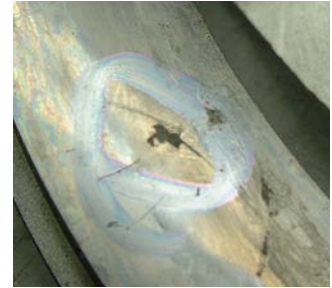
*Heavily contaminated dry gas seal from North American refinery*



*Fractured carbide rotating ring, and decompressed O-ring*



*Dry gas seal disassembled for inspection*



*Carbon pull-out common with liquid contamination*



*Stationary carbon beyond repair will be reverse-engineered*



*Pitted dynamic O-ring land repaired with nickel plating*



*Replacement stationary ring inspected before use in repair*

[skf.com](http://skf.com) | [kaydon.com](http://kaydon.com)  
[kaydonringandseal.com](http://kaydonringandseal.com)

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PUB 75/S7 17921 EN · May 2018

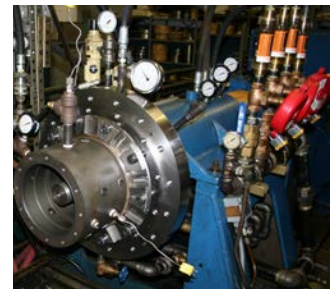
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*Replacement housing inspected before use in seal repair*



*Replacement stationary seal ring ready for re-build and test*



*Kaydon test rig being prepared for dynamic test*