

EXPERTISE IN TIGHTNESS FAILURES ANALYSIS

Our full range of expertise to help you quickly and accurately identify the causes of leaks



Your expectations

Further to the failure of an item of your fluid equipment wherein tightness is a critical parameter, you want to:

- Identify and analyse the root causes of leakage
- Check the conformity of sealing materials with respect to the specific characteristics of reference materials
- Understand and address the damage mechanisms
- Find long-term solutions
- Meet the requirements of the energy and ecological transition

Our solutions

Provide and conduct a comprehensive analysis (on a case-by-case basis) from all the observations and parameters associated with the failure:

- On-site assessment: detection, location and quantification of leaks
- Mechanical analyses
- Physical and chemical analyses of polymer, elastomer or metallic materials
- Tests under conditions similar to service conditions (pressure, temperature, fluid, etc.).
- Assistance with selecting alternative sealing solutions

Your benefits

- Our experience and knowledge of sealing products and their behaviour stem from the large number of tests performed
- An overall approach with comprehensive analysis equipment (tightness, mechanical and physical-chemical)
- Objectivity of the analysis, conducted by a neutral and independent institut
- Provision of additional expertise: Assembly, NDT, metrology, etc.
- Cetim is the French leading specialist in failure analysis and will provide you with neutral and reliable results for use in insurance or judicial appraisals, or for industrial purposes
- Cofrend-certified operators (levels 2 and 3)