

SEAL DESIGNED FOR ONE PUMP AND SPECIAL DUTY

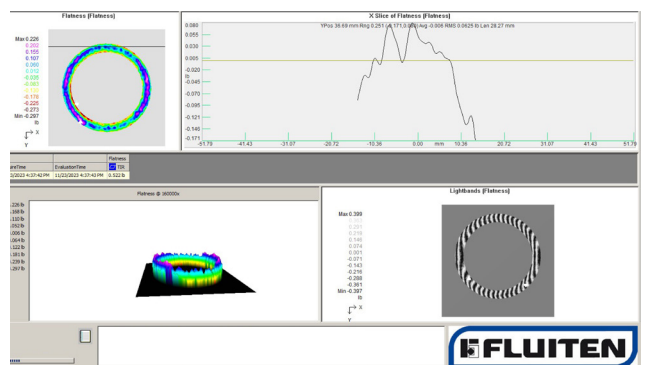
FLUITEN develops tailor-made solutions for specific services, in collaboration with pump manufacturers:

Pumps designed for a particular service require a sealing system developed according to the specific operational conditions, with dimensions suitable for the machine. The dynamic test must verify theoretically calculated parameters. The entire pump and sealing system must together meet the **reliability** and **performance** requirements of the rotary pump and the overall system. The pump maker focus post-sales support to monitor development and protect the after sales business.

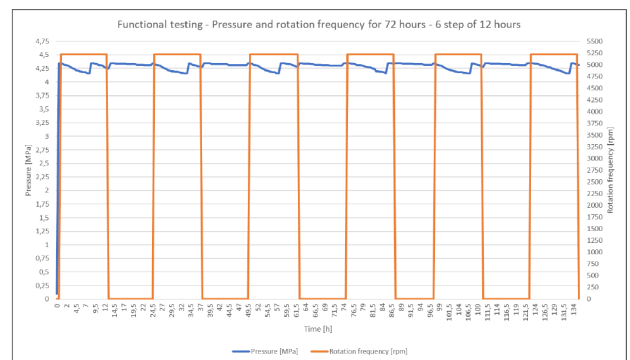
In close collaboration with pump manufacturers, FLUITEN can offer **custom-made** solutions with a collaboration agreement tied to post-sales support.

With **over 60 years** of experience in designing sealing systems for heavy-duty applications and a testing laboratory to simulate operating conditions, FLUITEN ensures satisfaction for both the pump manufacturer and the end user.

- Nuclear
- Rotational speeds exceeding 35 m/s
- Working pressures over 100 bar
- Non-Newtonian fluids
- “Zero emission” solutions
- Flashing hydrocarbons



Flatness analysis



Start and stop performance test - 5250 rpm; 42.5bar

