



DMSC™ is worth its salt

A poorly-designed seal was causing problems for a major salt producer in eastern France.

The seal was configured in such a way that each time the pump was started up, the pin was hitting the slot of the rotating seal face, which, being silicone carbide, had a tendency over time to break under the impact. Another problem was that the faces were also exposed to the impact of agglomerations of salt, which could also cause them to fracture.

Preventive maintenance was scheduled every 12 months but the seal would often fail before this could be carried out. To alleviate the problem, AESSEAL® proposed the installation of its more robust and reliable DMSC™ double mechanical seals, which are designed specifically to operate in difficult conditions. Not only is the AESSEAL® product more durable than its competitor, but its superior design means that it is not exposed to the impact of the agglomerations of salt.

The new seals were installed in April 2024, and two months later are showing themselves to be highly effective, with every sign that they will prove considerably more resilient than the ones they replaced.



‘Designed to operate in difficult conditions’

Industry: Chemical
Product: DMSC™
Application: Circulator Pump
Reference N.O: TD3104875

