



AESSEAL 380TP ends costly leaks at French plant

The persistent leakage from the PTFE packing being used by a French pulp and paper company was resulting in the loss of significant amounts of product.

Lack of flexibility in the packing rings meant that tightening the packing was no longer enough to solve the problem. The constant leaks meant that the area in the vicinity of the pump became wet and slippery, resulting in a hazardous working environment. Corrosion at the base of the pump was a growing problem, and the leaks were also causing significant damage to the gearbox located just below.

AESSEAL® recommended replacing the existing product with its own 380TP packing. This consists of high purity carbon fibre with cross-section impregnation and paraffin run-in lubricant, and has been shown to minimize wear from abrasive products. The packing does not shrink, which means that minimal readjustment is needed after installation.

An initial trial convinced the company of the quality of the AESSEAL® product and in April 2024 the 380TP packing was installed across the plant on all rotating equipment. This has greatly reduced the cost of repairs and maintenance, saving the company more than €12,500 a year - over €9,000 in replacement packing material and €3,500 in labor costs. Eliminating the problem of the slippery floor has also resulted in a much safer working environment.

Confidence in the quality of the AESSEAL® product and an appreciation of the standard of customer service has also encouraged the company to carry out trials involving the replacement of gland packing with AESSEAL® mechanical seals, with tests being carried out on a progressive cavity pump.



‘Reliability increased from 1 month to 1 year’

Industry:	Pulp & Paper
Product:	380TP
Application:	Pulpeur Black Clawson 13’’
MTBF Increase:	1100%
Savings:	>€25,000 / \$28,700 (and counting)
Reference N.O:	TD3146540

