



EXPERIENCE THE EXCEPTIONAL

## Energy Savings for Italian Corn Miller

An Italian corn miller used Clean In Place (CIP) water to cool and lubricate their mechanical seals. This water cannot be drained to the plant depuration system but must be recirculated into the system loop with a high cost in energy in order to reheat and evaporate.

A corn milling facility in the Italy was using quench to drain with dual seals fitted on four extraction pumps. The water used could not be drained to the plant water treatment facility but had to be returned to the system loop which was expensive due to the high cost of energy required to evaporate it. The cost of the energy amounted to €21,000.

AESSEAL® recommended replacing the quench to drain solution with a water management system which is a close loop system. The solution reduced the operating temperature of the sea and reduced the cost of water and energy consumption. Annual saving for the 4 systems was €21,000.



## ‘Annual Energy Savings of €21,000’

Industry:	Corn Milling
Product:	DISP Seal and Water Management System
Application:	Extraction Pump
Savings:	€ 21,000 in energy costs
Reference N.O:	CAR-001

