



EXPERIENCE THE EXCEPTIONAL

Eliminating a \$225,000 maintenance bill

A leading food processor was experiencing problems sealing two of their Nash Vacuum pumps. In 2 years the pumps had cost over \$75,000 in maintenance, mainly related to bearing failure due to the leakage from the packed gland.

A major challenge for AESSEAL® was getting a mechanical seal and LabTecta bearing protector to fit, without modifying the pumps. After utilising previous application experience, a CURC single mechanical seal was installed. The CURC was custom designed to ensure no modifications were required for the pump stuffing box, as the seal was designed to slide through the bearing housing and to be clamped onto the shaft with a C ring clamp.

These seals have now been running for over 6 years with zero failures. The upgrade has not only significantly reduced the predicted 6 year maintenance bill of roughly \$225,000, but the mechanical seal upgrade has created a greater vacuum resulting in less pumps running, and reduced energy bills.



‘Pump overhauls costing up to \$25,000 per time’

Industry: Food & Beverage
Product: CURC & LabTecta®
Savings: \$225,000 (over 6 years)
Reference N.O: CH01196



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