



ENVIRONMENTAL TECHNOLOGY

Successfully sealing cooling tower motors at Dairy Crest

Dairy Crest Severnside has more than doubled machine life expectancy and reduced downtime, after replacing standard oil seals with LabTecta bearing protection seals, on various motors within the cooling tower.

AVT Reliability, a sister company of AESSEAL®, installed LabTecta®66 labyrinth seals after analysis indicated that the current oil seals couldn't handle the harsh environmental conditions, and were unable to prevent water ingress into the bearing housing. The patented design of the LabTecta®66 ensures the bearing housing can breathe when the machinery is running, but is perfectly sealed when the machinery stops, preventing the ingress of contaminants.

Each motor was reviewed after six months, and as part of their ongoing condition monitoring program, AVT Reliability found no signs of water ingress. Successful implementation has led to a wider program to install LabTecta®66 on all motors in the cooling towers.



“Successful upgrade in harsh conditions”

Industry:	Food & Beverage
Product:	LabTecta®
Application:	Cooling Tower Motors
Savings:	£8,000+ a year (excluding production losses)
Reference N.O:	Dairycrest