

CASE **STUDY**

EXPEL FILTERS

**ELIMINATE
PERSISTENT VALVE
FAILURES AT FOOD
MANUFACTURING
SITE, SAVING £10k
PER YEAR**

CS243
TRACKUP ID: 16358



HAYLEY DEXIS FLUID POWER // FOOD & BEVERAGES

Focus on **value** **TRACK UP**

KEY VALUE AREAS



INCOME



SPEND

THE SITUATION

A manufacturer of soups, chutneys and relishes was having persistent issues with their solenoid valves failing. The valves are critical to the site's operation, ensuring exact quantities of ingredients are added to recipes, they control the flow of product into cans and jars, and also automate the flow of cleaning agents and water through pipes and tanks. Valves were failing prematurely and in great number because excess moisture was collecting in the compressed air lines.

The customer's maintenance team contacted their local HAYLEY DEXIS branch in Inverness for assistance. As a result, a site visit was arranged for the following week.

THE SOLUTION

For the site visit, the HAYLEY DEXIS sales rep brought along an Expel demo unit, along with a representative from Original AVG to showcase the filtration capabilities of the Expel technology.

The demonstration was conducted and several areas of the customers' process were identified where Expel filters would help to resolve the issues caused by moisture in the air lines.

The customer was impressed with the Expel solution and placed an order for one unit to prove the concept. This unit was delivered and installed within 48 hours.



THE RESULT

The single Expel unit has achieved its objective of preventing the accumulation of moisture in the system by removing 99.99% of liquid

water, oil emulsion fluids and solid particulates down to 1 micron.

Since the Expel filter has been in-place, batch contamination, product loss, and unplanned downtime, are a thing of the past. It is estimated that the total annual saving as a result of this, stands at around £10,000.

The customer is now in discussions with HAYLEY DEXIS about implementing more Expel filters across their facility.

KEY BRANDS



KEY SOLUTIONS

Expel filters by Original AVG.

KEY RESULTS

£10,000 annual cost-saving achieved.

Valve failures eradicated.

Downtime risk reduced.

Product loss risk removed.

CONTACT US!

Speak to your local HAYLEY DEXIS branch today!

You can find their details by using our online Branch Finder tool:

www.hayley-group.co.uk/branch-finder.





HAYLEY

DEXIS