

CASE STUDY

Food & Beverage Applications

Amafilter® filtration solutions increased rapeseed oil production capacity by 50%



Food & Beverage Applications

Customer: **Farrington Oils**
Industry: **Food & Beverages**
Application: **Cold rapeseed oil**
Product: **Versis® pressure leaf filter system**

Duncan Farrington commented:

“ We are extremely pleased with the Amafilter® team and Filterquip’s service and support with the filtration system. The visit was well worthwhile, giving us a chance to have some refresher training for new staff and optimising the system which has brought significant production benefits for our business.”

BACKGROUND

More than a decade ago, Farrington Oils, a leading producer of cold pressed rapeseed oil, installed the Amafilter® Versis® pressure leaf filter system at their plant, to remove impurities and clarify the oil. The system has proved to be highly efficient, filtering 3-5% of undesirable particles and maintaining the quality of the final product.

For the final processing steps Farrington Oils utilises Global Filter’s range of filter bags and cartridges before bottling and/or mixing and bottling for dressings.

THE CHALLENGE

Farrington Oils wanted to optimise their automatic system to increase production capacity of their cold pressed rapeseed oil, utilising the existing Versis® pressure leaf filter system.

THE SOLUTION

An Amafilter® service engineer visited the Farrington Oils plant with Filterquip to investigate and improve the filtration process. After optimizing the automatic filtration process, the team achieve a 50% increase in production capacity, improved efficiencies and increased yield. All of this was achieved while reducing energy consumption.

The team also provided in-situ training to the new personnel and reviewed the installation to ensure everything was functioning to maximum efficiencies.

