

Winery, Sediment Removal

Disposable Filters, Belgium

Industry Sector: Application: Products: Primary Motive: Location: Project Date: Food and Beverage Brewery Microfil™ and Biofil™ Cost reduction Belgium 2014 - 2015



Customer Overview:

Our customer is a winery that is part of world leading Dutch food retailer with over 6,000 retail stores who process and supply over 25 million litres of wine annually, spread over 3 continents.

Customer's Problem:

The wine bottler processes and bottles wines from the major vineyards around the world. The shipment of wines can vary in sediment and requires conditioning and stabilising.

Porvair Solution:

Following a full process audit and trials involving stakeholders from production and quality, a report was produced identifying improved wine quality and consistency and therefore reduced filter spend.

Porvair's recommendation was to implement the MicrofilTM as the prefilter, removing all particles above 1µm followed by a BiofilTM II 0.45µm to stabilise the microbial content of the wine.

Project Overview:

Benefits of the MicrofilTM were immediate. The increase of wine throughput was 40% for the same life-toblockage in comparison to a competitor's equivalent filter.

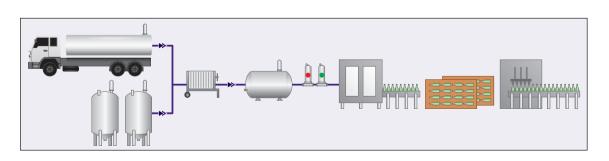
The overall benefit of the MicrofilTM and BiofilTM II was lower cost of filter ownership and longer consistency in wine quality.

Product and System Information:

- Microfil[™] 1µ for prefiltration
- Biofil™ II 0.45µ as a final filter

Other Opportunities:

Wineries, fruit juice and bottled water producers globally.



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