

CASE STUDY

Food & Beverage - Wine Industry

ENSURING QUALITY AND UPTIME IN MOBILE BOTTLING



Customer

A Northern California mobile wine bottler with over 40 years in the industry was looking to improve efficiency, maximize production time and deliver optimal product quality to their winery clients through a more streamlined filtration process.



Objective

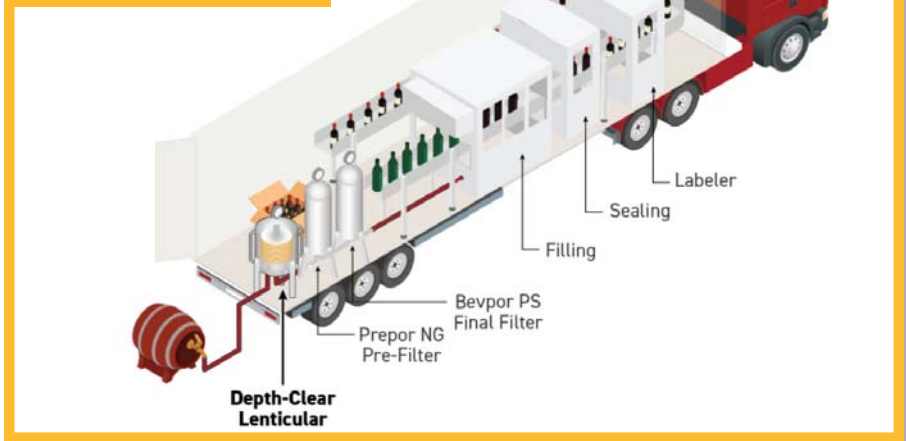
Address variable conditions that exist from one wine producer to another using the right combination of filtration parameters for clarification, stabilization, and final sanitization to ensure shelf stable wine product with consistent quality.



Results

- Reduced downtime
- Eliminated premature fouling
- Delivered consistent quality
- Decreased filtration costs
- Improved process efficiency

Mobile bottler



Challenge

Mobile bottlers face varying conditions at each wine producer's facility. At every step of the filtration process, they need to anticipate differences in wine chemistry, storage methods, and pre-processing factors which have a direct impact on wine quality. Without reliable products and an effective solution in place, the mobile bottler can experience:

- Premature fouling of final membrane filters
- Re-sanitization downtime
- Increased costs for filter replacement
- Production delays



Parker Solution

Parker's **Depth-Clear lenticular filter and housing** served as the first line of defense in protecting final filters prior to bottling. Using **Depth-Clear 0.3 micron nominal nine cell (C9) lenticular filter**, the mobile bottler no longer observed unexpected downtime due to mid-run final membrane filter fouling. As a result, the overall filter consumable costs were also reduced.



By partnering with Parker, the mobile bottler was able to efficiently package client product with the added assurance of delivering quality standards that meet winemaker demands. The **Depth-Clear** lenticular products offer superior performance, enhanced throughput, and reliable particle retention utilizing proprietary mechanical and electro-kinetic capture.

Parker works with bottlers around the world to optimize prefiltration stage sizing, maximize uptime and minimize final membrane filter usage. Discover how Parker can provide your next solution.

discover.parker.com/lenticulars

