

Bottle Washing Machine

Nozzle protection at ABInBev

Background:

BOLLFILTER Automatic Type 6.19 operates trouble-free at the ABInBev plants respectively in Suqian, Foshan and Wuhan cities in China.

Due to the huge content of fiber and other solid particles, the spray nozzles are blocked easily and frequently. This leads to a reduced cleaning efficiency of the bottles. In addition to the periodical overhaul of the nozzle system and cleaning of the nozzles, occasionally, the operator has to stop the Bottle Washing Machine in order to clean the blocked nozzles.

Applying a BOLLFILTER Automatic Type 6.19 for the filtration of the sodium hydroxide solution protects the nozzles from blocking and maintains a proper spraying effect.



Blocked nozzles without BOLLFILTER protection

Approved benefits:

The filter has been in use since the end of 2015 at several ABInbev plants in China and following improvements led to continuous operation:

- No more clogging of nozzles
- Easier and better cleaning of bottles helps to reduce the consumer complaint rate
- Helps to reduce the Empty Bottle Inspection (EBI) rate and to save a lot of bottles
- Increase of the productivity



Nozzles in perfect working condition protected by BOLLFILTER

Customer:

ABInBev

System in use:

Plant in Wuhan	6.19 DN 200
Plant in Suqian	6.19 DN 100 and DN 200
Plant in Foshan	6.13 DN 200 (2 pieces)



1 Skid unit with BOLLFILTER Automatic Type 6.19 DN 100 installed at ABInBev Suqian plant