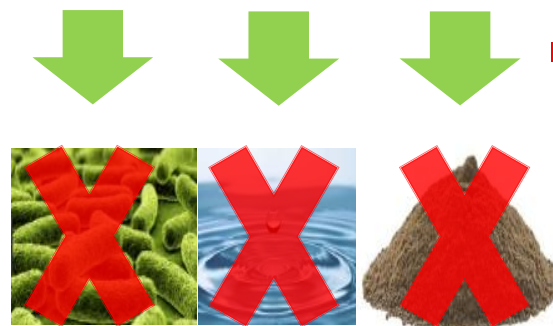
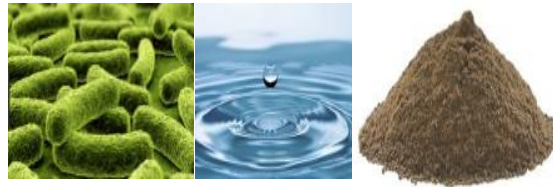


## HYDAC Biomicon® Antibiotics for your Diesel Filter



*Biomicon® with triple function*

### Description

Since several years HYDAC has invested high efforts in developing innovative solutions concerning diesel fuel filtration. Numerous, established engine and machine OEMs could have been convinced already.

During the development of the innovative filter element technology **Biomicon®** an additional function could be integrated, which has never been seen in diesel filters in the market before.

Main attention was paid to the **self-protection against microbial infestation**. **Free water in the reservoir** forms the base of this phenomenon, **because it favors a microbial growth** of bacteria, fungi and other microorganisms.

This microbial contamination can affect all machines. In particular those, that underlie longer downtimes (e.g. hired machines, leasing fleets, seasonally used harvesters or diesel operated emergency power generators).

Thanks to the innovative filter media **Biomicon®** reliably separates particles and water from the fluid and contributes to the prevention of harmful organisms growing on the element's surface.

### Features:

- ✓ Fully synthetic filter material
- ✓ 2-stage element structure: coalescent effect and hydrophobic barrier for water separation
- ✓ Micron ratings: 5, 7, 10, 30 µm
- ✓ Anti-fouling effect

### Product Advantages

- **Triple function: reliable particle filtration, water separation and self-protection against microbial infestation**, through the 2-stage element structure and innovative filter media
- **Extended filter service life in microbially contaminated systems**
- **Reliable elimination of bacterial infestation of the filter (such as e.g. diesel bug) over the entire service life of the element**
- **Extended service life of engine and components**
- **Increased machine availability, also for seasonally used machines**