micfil.com
It's time to go green!

micfil INTERNATIONAL®
QUALITY PRODUCTS MADE IN GERMANY



Data Centers

Reliable Backup Power Starts with Clean Fuel –

Powered by

micfil Ultra Fine Purifier

In modern data centers, backup generators are the last line of defense—power outages are simply not an option. Even when diesel fuel meets standard specifications, contamination risks remain. During long storage periods, fuel can degrade due to oxidation, caused by particles, water and **bacterial growth**. Over time, this can lead to fuel being classified as unusable—creating operational risks and unnecessary costs.

micfil filtration systems provide the solution:

- **Consistent Fuel Quality down to 0.5 micron**
  Continuous removal of particles, **bacteria** and water ensures permanently clean, oxidation-free fuel—ready for use at any time.
- **Recover Instead of Replace**
  Contaminated or degraded diesel can be restored to a condition that meets or even exceeds required cleanliness standards—reducing waste and saving costs.
- **Continuous Tank Circulation & Filtration**
  Permanent filtration ("fuel purifying") keeps both storage and day tanks at optimal cleanliness levels, minimizing the risk of generator failure.
- **Engine Protection & Improved Efficiency**
  Ultra-clean fuel reduces wear on sensitive components such as injectors and pumps—especially in common rail engines. With MICFIL Ultra Fine Purifier, performance improves, soot emissions can be reduced by up to 60%, NOx is lowered, and fuel consumption decreases.
- **Lower Operating Costs, Maximum Reliability**
  Extending the lifespan of fuel and components leads to sustainable savings and ensures maximum operational safety.

For mission-critical environments like data centers, fuel quality is not a given—it must be actively controlled. micfil ensures your backup power performs when it truly matters.

Contact us

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