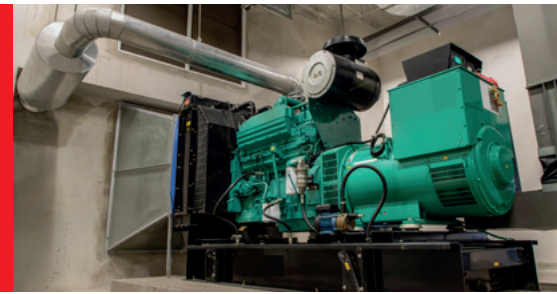


Customer information

Diesel care with HYDAC

When downtime isn't an option – Filtration in critical systems



Diesel generators: Indispensable power supply for safety-critical systems

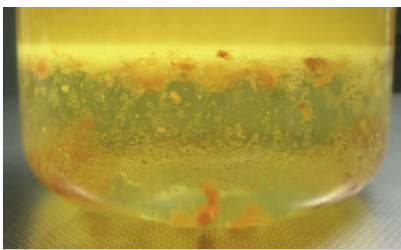
Diesel generators are reliable, high-performance power sources, and consequently play a crucial role in many areas of our world. Thanks to their impressive features, such as fast start times, high power density and simple supply logistics, they are indispensable for critical infrastructure. They are particularly essential in situations where an uninterrupted power supply is a must.

Areas of application:

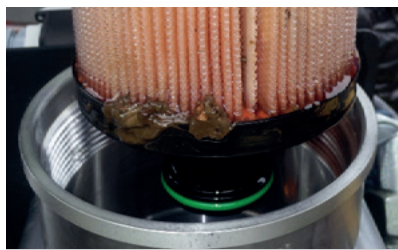
- Data centres: Ensured uninterrupted power supply and the protection of sensitive data
- Marine applications: Propulsion power for ships and power supply for important systems on board
- Critical infrastructure: Hospitals, emergency services and public safety facilities
- Power plants: Primary power source in remote areas and emergency power supply on the main grid

Challenges when storing diesel fuel:

Tanks which are only used occasionally and have long idle times are particularly prone to contamination and water build-up, which can result in diesel engines failing when started. Free water in the tank also promotes the formation of diesel bug through microorganisms, which leads to clogged fuel filters and damaged injection systems. This results in high emissions of pollutants and expensive downtimes, spare parts, maintenance and repairs.



Diesel pest



Diesel pest removed by filter element

Safety through efficient diesel care with the LVU-CD 600 - 8000

The LowViscosity Unit (LVU) ensures the removal of solid particle contamination and free water from diesel fuels through three-stage offline filtration. This prevents system downtimes and avoids the premature, cost-intensive disposal of diesel. The LVU can be used for transferring diesel from day tanks to engines and for transfers between tanks. It can also be installed in the bypass flow.

Are you interested?

Contact us

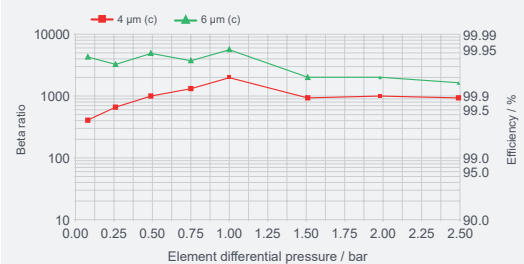
HYDAC Filter Systems GmbH
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www.hydac.com



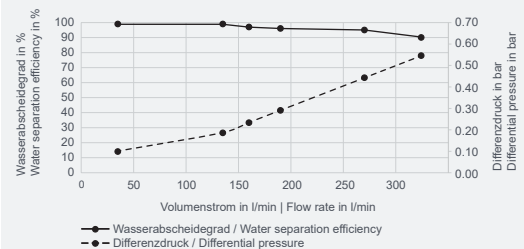
Further information on HYDAC
diesel care solutions

Thorough – Reliable – Constant

■ Particle separation rate > 99.9 %



■ Water separation rate up to 99 %



How the LVU-CD works

The LVU system consists of a feed pump, housing for efficient filtration and water separation, and a water sensor which, together with an automatic drain valve, directs the separated water to a downstream (optional) water tank. The filter clogging indicator provides continuous monitoring and signals the need for a filter change in good time via the control unit.



Two versions of the LVU-CD 600-8000