

Filter Systems

Optimal fluid maintenance with the FluidAqua Mobil FAM 5
– with integrated fluid condition monitoring



Solid, liquid and gas contamination in hydraulic and lubrication media can cause serious damage to the system. After solid contaminants, water is the next most frequent source of contamination. The oxidation speed increases dramatically when water enters the system (e.g. via process steam, humidity, or cooling lubricants). The consequences of this are shorter service life, increased wear, corrosion of pipes and tanks and, as a result, reduced productivity of hydraulic/lubrication systems and increased production costs.

To prevent those types of damage and the associated costs, HYDAC offers Fluid Service Units that are designed to remove water, solid particles and gas from operating media.

Thanks to its compact and mobile design, the FluidAqua Mobil FAM 5 is ideally suited for service applications and can easily be transported in a service vehicle.

Both the version for mobile and permanent installation provide continuous protection for applications where operating fluids require optimal care, in which valuable bio-oils or fire-resistant operating fluids are used, or where water frequently gets into the system.

The aggregate works on the principle of vacuum dewatering to extract particles, water, and gases. Free and solute water is removed from the system, the gas content of the medium is reduced, and the solid particulate contamination is reduced with a highly efficient filtration rating of up to 2 µm. The elements feature high contamination retention and separation capacity, which makes the units extremely economical.

The new FAM series has the following outstanding features:

- Compact construction (can be transported in a service truck)
- Compact design with maximum water removal performance
- Optional integrated heater to increase the rate of water extraction, especially for cold or high viscosity oils
- Optional integrated water content and particle measurement technology with continuous display of the measurements and storage of the values
- Lowest residual water contents, gas contents and particle contamination lead to longer oil change intervals, improved life expectancy of components, higher machine availability and reduction in the Life Cycle Cost (LCC)

Owing to this versatility, the units can be used in a wide range of areas, such as power plants, steel and rolling mills, and the paper or machine tool industry.

You will find additional information at
<http://www.hydac.com/>
Or simply send an e-mail to
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