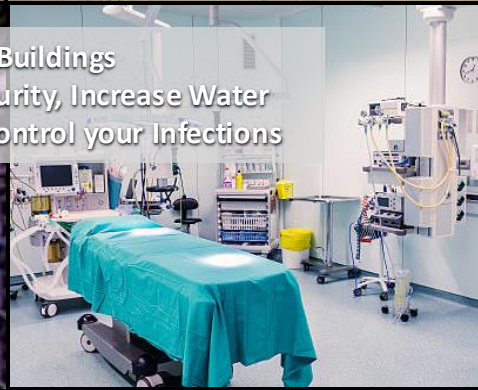


FluidTek Company Profile



Transition Energy and Environmental Efficiency Solutions
through contamination management of
Water, Biodiesel, Avtur and Lubricants.

PT. Fluida Teknologi Indonesia (FluidTek) was established in Indonesia in 2014. The company exists to assist with “Transitional Energy Solutions” that improve performance and reduce the Environmental Impact by managing contamination in; water, biodiesel, aviation fuel and lubricants. The results improve energy efficiency and reduce waste in diesel engines, jet engines, lubrication and water systems.



Custom-built fuel polishing systems



Filtertechnik On-site Digital Imaging



On-site 2nd Generation ATP Testing

FluidTek listens to customer needs to ensure the optimal solution is offered for each application. We have the experience and partners to provide the best quality fluid management practices, fluid monitoring & testing and fluid conditioning solutions.

Our Supply Partners



Contamination issues with diesel was never recognised as a serious challenge in Indonesia. However, developments in diesel engine technology and biodiesel technology has combined to create an environment where traditional storage and handling of fuel is no longer good enough. Lower sulphur biodiesel absorbs more water and encourages microbial growth (diesel bug). The modern engines are also more sensitive to contamination; resulting in the need for better fuel management.

Skid Mounted Polishing System



Equipment Mounted Polishing System



Fuel Polishing Carts



FluidTek have custom designed their range of Recirculation Conditioning Systems (RCS) with three distinct treatment stages, that get the absolute best performance from any blend of biodiesel.

Stage 1 – Fuel Purifiers (water separators)

Free water separators remove >90% of free water & >80% of large particulate through coalescing & gravity. These units have no consumables



Stage 2 – Single/Dual Step Particulate Filtration

Custom designed filter housings combine strength with simplicity & reliability. They are available with a marine-grade finish (as shown) or in stainless steel. A variety of bag and cartridge filters utilize fine mesh and water absorption technology to effectively meet your target contamination levels.



Stage 3 – PFM Blue Treatment

FluidTek are the Indonesian distributor for PFM Blue. These patented units use photochemistry to kill & break the micro-organisms living in your fuel. They also break entrained water molecules to minimize further microbial growth with no consumables.

Hippo Lubricant Filtration Systems



Our Hippo Filters are distributed worldwide & can fit onto a wide range of machinery, filtering oil as the machine is running, or operate as a kidney-loop system when the machine is stopped. The systems are simple in design utilizing high-capacity filter cartridges keeping OPEX under control.



Range for particulate
(down to 2.8µm) as
well as water removal
elements



Desiccant Tank Air Breathers to control the environment inside your bulk fuel and oil tanks. Reduces water and particulate ingress extending your fluid's life.



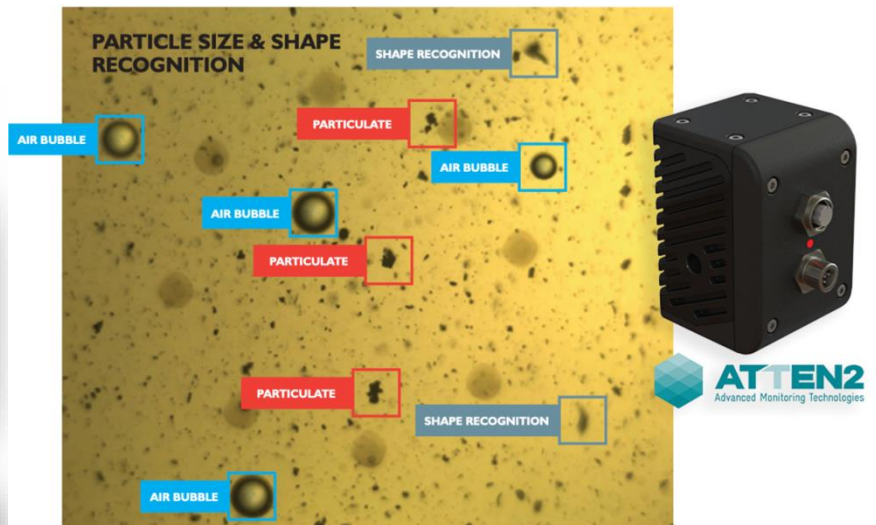
FluidTek are the sole Indonesian distributor for Filtertechnik, who are a UK based manufacturer & supplier of high-quality testing, monitoring & filtration solutions.



Take Control of Your Fuel or Lubricant Quality!

Immediately know what is the condition of your fuels or lubricants on site. Systems that can provide particulate count (ISO/SAE/NAS), moisture content with specific gravity or relative humidity functions. Some of these systems can even provide particulate analysis to find root cause or source of contaminant e.g. fatigue wear; sliding wear; cutting wear; fibres; & corrosion. Systems have databases with up to 500 oils & also have functionality to calibrate new oils. Critically, systems provide a very clear picture of remaining oil life. Importantly, the results are 'real-time' without waiting for a laboratory & no OPEX.

PC 9001 Fixed Inline Particle Monitoring Unit



Particle Pal Plus: Portable, Digital Contaminant Testing & Analysis Unit

On-Site, Real Time Particulate Level & RH% Moisture Level Testing

ISO: 18 / 16 / 13			24.0V	04/02/2022 14:38:02	
Test Name: -					
Size	ISO	Particles	Bubbles		
4µm	18.6	1921	4		
6µm	16.2	364	3		
14µm	13.4	54	2		
21µm	11.5	15	2		
38µm	9.3	3	1		
70µm	8.2	1	0		
NAS: 7	SAE: 4	RH: 56%, 22°C		Fatigue: 44	Sliding: 6
				Cutting: 12	Fibre: 1

Hydraulic Test and Measurement Equipment Suppliers

Hydrotechnik UK Test Engineering Ltd is one of the UK's leading test and measurement equipment distributors and manufacturers, servicing industries from construction equipment to Formula One since 1990.

We offer a large range of measurement sensors and datalogging equipment for digital hydraulic testing & analysis. We have a huge range of Minimesse® test points, test point adaptors, high-pressure microbore hose assemblies, pressure gauges and Minimesse® test kits for analogue testing, charging, bleeding or sampling of almost any fluid or gas.

Our measurement sensor range includes pressure, flow, temperature and RPM, to name just a few, with MultiHandy or MultiSystem portable dataloggers for accurate high-speed measurement and performance analysis of hydraulic or process systems.



HYDROTECHNIK UK
TEST ENGINEERING LTD



Spectrolytic
Innovative Solutions in Spectroscopy

Portable and Inline IR Spectroscopic analysis

European designed and built
Configured to test:

- Oil Condition (lab style results, lab accuracy)
- FAME
- Ethanol in gasoline
- Oil in water

FluidInspectIR® validated together with Exxon Mobil



Results in 5 minutes



Real Time

LUMINULTRA[®]

LUMINULTRA provide industry leading rapid and accurate testing to quantify micro-organism levels in water systems, fuels and lubricants.

We are your 'first line of defence' against microbial contamination!

2nd Generation ATP[®] monitoring offers a powerful combination of speed, versatility, portability and accuracy for microbiological testing in any industry.

Through fast & operator-friendly microbiological tools, we give you an accurate answer to the most critical question: **Am I in Control of Micro-organisms?**



An industry-specific test kit designed for under-wing use for testing fuel.



Industrial wastewater



Biocide control



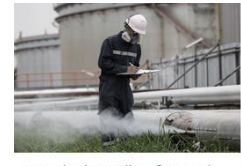
Manufacturing and Industrial



Aviation and biodiesel



HVAC systems



Microbiologically influenced corrosion (MIC)



The accurate 5-minute ATP Gen 2 Field Test Kit

Microbial growth is four (4) times more effective at insulating pipes than scale. How efficient is your heat transfer system?

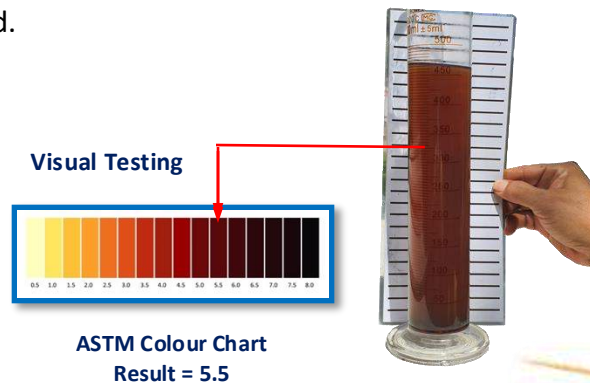


GeneCount qPCR tests in 2 hours! Identifies specific micro-organisms allowing more efficient treatment and control of your water system

FluidTek provide many types of consultancy and fuel cleaning services to extend the life of the fluids and the storage and handling equipment

Fuel System - Fuel Quality Sampling & Testing

FluidTek can provide up to nine (9) on-site fuel tests, including ASTM and ISO standards. These tests cover cleanliness, relative humidity % & ppm (moisture content), microbial growth and FAME. Immediate on-site results provide accurate information without the laboratory waiting period.



On-site Fuel Conditioning Services

FluidTek can safely and professionally restore your biodiesel to recognized global contamination standards. We focus on the three main contaminants; particulate, water and microbial growth. Ensuring your fuel will be ready to use when you need it.



Contamination Inspections & Mitigation Procedures Report

FluidTek have internationally trained technicians to Global Aviation Fuel contamination standards that can assess the fuel storage, transfer and dispensing processes, to provide comprehensive contamination mitigation reports.

Please contact us for expert fluid contamination management solutions

PT. Fluida Teknologi Indonesia

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