

Date: March 10, 2023

New Oil Library Available

Spectro Scientific has released a new factory fluid library including ~150 new oils for FluidScan, MiniLab, and FieldLab. The new library contains over 900 fluids for immediate, out-of-the-box operation providing quantitative results for critical properties such as TAN and water for industrial lubricants or TBN, water, glycol, and soot for engine oils.

All Gen 6 FluidScan customers are eligible for this upgrade (Fluidscan SN HH2000 or higher, or previously upgraded unit) with an Annual Support Agreement for FluidScan, MiniLab, or FieldLab. For more information, please contact your local support representative or email support.spectrosci@ametek.com.

CATEGORY	NEW FACTORY FLUIDS
ENGINE-DIESEL	7
ENGINE-GASOLINE	2
COMPRESSOR	11
GEAR-PRESSURE	17
TURBINE-STEAM	16
ENGINE-HEAVY DUTY	9
JOAP	25
HYDRAULIC-FIRE RESISTANT	3
HYDRAULIC	19
SLIDEWAY	2
GEAR-SPLASH	11
TRANSMISSION	4
ENGINE-MARINE	2
HEAT TRANSFER	3
GREASE	7
ENGINE-NAT GAS	5
ENGINE-HFO	3
TURBINE-AERO	1

TARGET PRODUCTS



FluidScan



MiniLab



FieldLab

As of this bulletin, library updates are no longer supported for gen 5 FluidScans or older. Customers with gen 5 FluidScans SN HH0500 and higher are eligible to be upgraded to Gen 6 and receive the updated oil library.

Hardware Updates	Features
Larger Screen	Increase in screen resolution of 200%, and viewing are of 30% for operational use.
Faster CPU with additional memory	Increase from 32MB to 512MB
New Power Management	Charges 2X faster and will run 30% longer
Additional interconnect parts	Ethernet, USB 2.0
LED sample illumination light	Checks for air bubbles prior to insertion of sample, automatically turns on/off through the software
Software Updates	Features
New software features	Improves ease of use to the operator, Driver updates, FluidScan is now recognized as a regular USB device, eliminating Windows Mobile Device Center
New Cell in/Cell out feature	Includes on-screen prompts and user notification
Oil Library Updates	<ul style="list-style-type: none"> ✓ Latest Factory Library (900+ fluids) and greater flexibility to modify fluids ✓ Factory fluids may now be standardized to know lab data if no user fluid is available ✓ New Fluid Category Engine - TDT (Tractor Drive Transmission Fluid) Features
Additional Features	Features
New Parameters	<ul style="list-style-type: none"> ✓ New "Fluid Integrity" parameter is a sum of spectral weights, analogous to type of dielectric measurements can be trended that to react to changes in oil conditions or contamination ✓ New parameter for Biodiesel Fuel Dilution ✓ New parameter for Water Index for Grease
New Calibration Algorithms	Bio Diesel Calibration, Heavy duty diesel engines, LOD (2 sigma)- 1.4%, works with FDM combined for total BD/Diesel dilution engine oil

For more info visit: www.spectrosci.com



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