

Seamless [Plug&Play solution]

SMK

[INTELLIGENCE TO YOUR OIL SYSTEMS]

The Smart Monitoring Kit is a revolutionary concept that will provide intelligence to your standard filtration carts and hydraulic systems, allowing visibility of the performance of the asset condition.

The Smart Monitoring Kit is a universal solution that can be integrated into a hydraulic system independently of its brand and design. This kit is an add-on element with a plug&play configuration. The device will be able to offer particle counting based on ISO or NAS code and bubble counting along with shape recognition features and oil degradation, powered by Atten2 OilWear 2.0 sensor.

The Kit counts with a flow condition solution (pump or valve) that allow the control of the operational conditions, independently of the fluid dynamics. As an option, it could be offered with a humidity sensor to measure the water content in the lubricant.

The Kit includes a HMI with all features to control the system, see real-time data, store and extract it via USB and connect remotely to digitalize your lubricant based asset condition monitoring.



[MAKE IT EASY, MAKE IT SMART]



SMK



SMK + PUMP

[SPECIFICATIONS]

Power supply	24 VDC
Current consumption	800mA
Counting output	ISO CODE 4406 / NAS 1638 Total particles (P/ml) Air Bubble Detection & Discrimination & Counting (b/ml) Shape recognition (p/ml) - Fatige, Sliding, Cutting & Others Oil Degradation (%) Flow rate (l/min)
Alarms	Alarmas configurables por nivel mostradas en la pantalla
Digital output	RS485 (Modbus: RTU) Ethernet RJ45 (Modbus: TCP/IP, FTP) Digital display HMI
Oil pressure	2-16 bar
Operation temperature	From -20° C to 70° C
Viscosity Range	Up to 540 cSt
Fluid compatibility	*Mineral and synthetic oil
Precision	+/- 2 ISO CODE
Hydraulic connection	1/8" BSPFF
Dimension/weight	249x400x132 // 6 kg
Wetted materials	Stainless steel Aluminium Viton NBR
Protection class	IP65

*Contact us in case you need to confirm special fluids.

[HMI]

