

Robust [Plug&Play solution]

RSMK

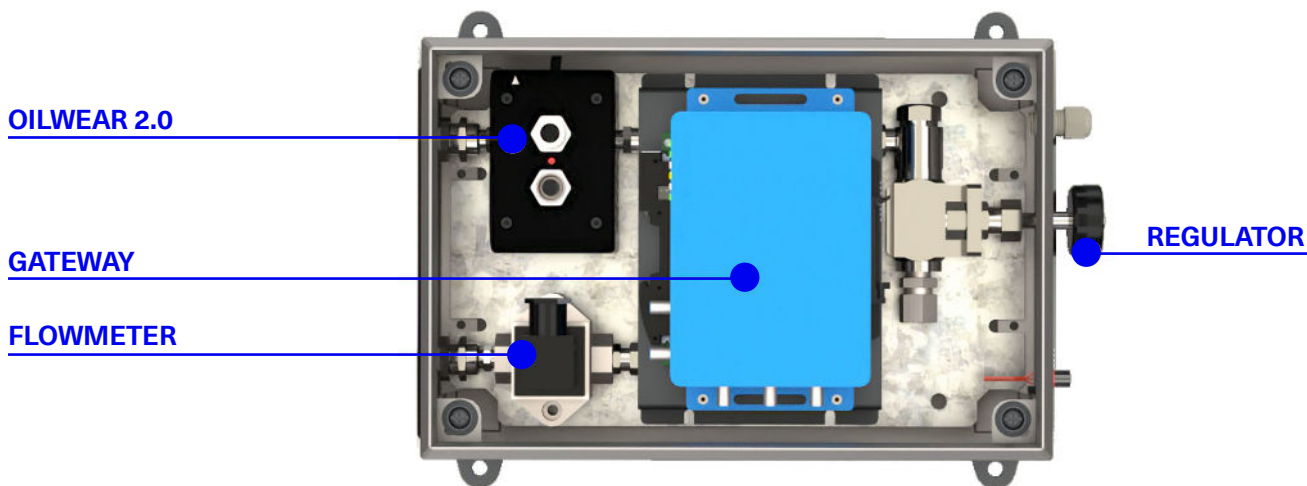
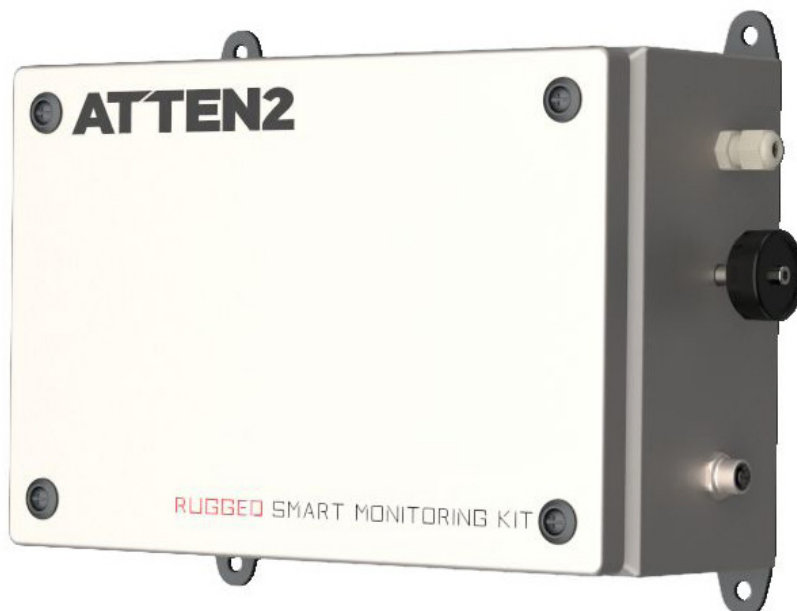
[RUGGED SERIES]

The Rugged Smart Monitoring Kit has been specially designed for heavy-duty and mobile equipment applications.

The Smart Monitoring Kit is an universal solution that can be integrated into a lubrication system independently of the brand and design. This kit is an add-on element with a plug&play configuration.

The device provides particle counting (ISO 4406 or NAS 1638), bubble counting, particle shape recognition and oil degradation information powered by Atten2 OilWear 2.0 digital imaging technology sensor.

The Kit is equipped with a flow condition solution (valve) that allows operational condition control, independently of the fluid dynamics. Wireless communication is provided via 3G and 4G gateway. The Rugged series is protected by a stainless-steel enclosure to ensure water and dust resistance (IP66 & IK10).



[APPLICATIONS]

Mining

- Excavators
- Trucks
- Drill rigs

Automotive

- Excavators
- Trucks
- Tractors

Static systems

- Crushers
- Mills
- Shaking tables

[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) - Fatigue, Sliding, Cutting & Others Oil Degradation (%) Flow rate (l/min)
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" BSPPF
Dimension / weight	300x200x120 / 4 kg
Wetted materials	Stainless steel Aluminium Viton NBR
Protection class	Stainless steel IP66 & IK10
Environmental	Vibrations IEC 60068-2-6 IEC 60068-2-27
Communications	4G LTE Cat. 4 VPN Gateway

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