Optimized [reliability]

OilHealth Probe MAX

[OIL QUALITY SERIES]

The OilHealth Probe Max sensor is an online oil degradation & moisture level monitoring system. The sensor is based on optical technology and allows for monitoring of oil degradation in both non-circulating systems or systems with very low fluid flow.

- Degradation
- Fluid temperature
- Water presence
  (OilMoisture & OilHealth Probe Max)
- *Water PPM & %
  (OilMoisture & OilHealth Probe Max)

[SPECIFICATIONS]

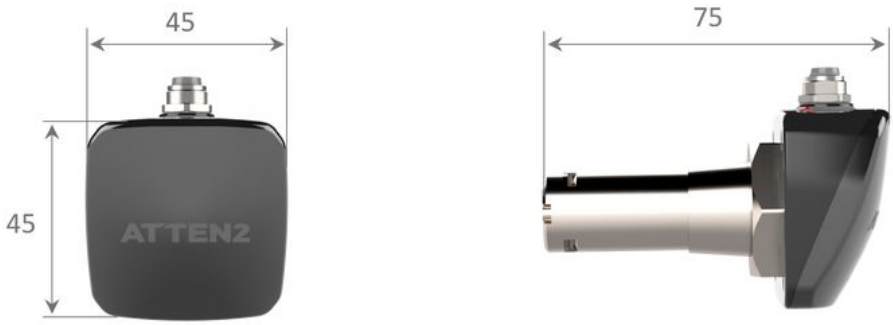
Power supply	24 VDC
Current consumption	<100mA
Connectivity	Stand-alone sensor: Modbus RTU (RS485) Sensor networks: Modbus TCP (Ethernet) *For network connections an accesory is required,, please contact Atten[2] representative for additional support*
Output	Oil degradation (%)/ Raw values Oil temperature output / Resolution 0.2°C Sensor temperature output Water content output * : • Water raw detection (1-1000) • * Absolute humidity output from 250 ppm (0.025%) up to 25,000 ppm (2.5%)
Oil pressure	Up to 12 bar
Operating temperature range	Optimal temp. range (30-50ºC)
Viscosity range	Up to 680 cSt
Hydraulic thread	BSPT Conical 1/2”
Materials	Aluminlum (optional steel) Viton sealing BK7 optics
Protection class	IP65
Certification	CE

*Oil profiling needed

Installation

The main advantege of the OilHealth Probe Max sensor is that it can be installed directly in the lubrication system or oil tank. This provides a direct measurement without any lubrication system by-pass and simplifies the sensor-machine integration.

[DIMENSIONS]



Manifold optional