

## OILAN WATER-IN-OIL ANALYZER

OILAN is a compact in-line instrument to monitor the water content of lube and fuel oils. The OILAN analyzer was originally developed during the 80's to monitor the central lube oil system for paper machines. Later the analyzer has found use both in industrial applications and in marine and offshore installations. An oil moisture trend indication has a significant economic impact, ensuring early maintenance in case of water intrusion in lubricating systems. Some major OILAN applications are:

- \* Process industry central lubricating systems
- \* Ship's engine and stern tube seals
- \* Ship's pods and bow thrusters
- \* Steel industry and Power stations



### TECHNICAL DATA

Models	OILAN 2.0-1.0	OILAN 0.5-1.0	OILAN 0.05-1.00
Range	0 - 20000 ppm	0-5000 ppm	0-500 ppm
Resolution	10 ppm	10 ppm	1 ppm
Accuracy	+/- 200 ppm (0-1000ppm) +/- 5% (1000-20000ppm)	+/- 50 ppm (0-1000ppm) +/- 5% (1000-5000ppm)	+/- 5 ppm (0-100ppm) +/- 5% (100-500ppm)
Principle	Infrared light absorption of water molecules contained in oil		
Oils	All mineral oils, viscosity range 0 - 680 cSt		
Oil temperature	+ 5 C ... 70 C		
Response time	20 s		
Dimensions	300 x 300 x 155 mm, Mounting 350 x 400 x 165 mm, Weight 9.3 kg		
Connections	BSP 1/4"		
Test specifications	EN 50081-2 (1993), EN 50082-2 (1995), CE marking		

The Oilan water-in-oil analyzer is developed and manufactured by Kytölä Oy of Muurame Finland. Sales, application advice and services by Optec-International.