

On-line Ferrous Wear Meter continuous monitoring, optimised feedrate



On-line Ferrous Wear Meter (OFWM)

Optimising the use of fuels and lubricating oils is at the core of the safe and efficient operation of machinery. OEM guidance recommends monthly visual inspection, laboratory oil testing every 1,500 hours and onboard testing every 200 running hours.

Parker's OFWM provides an accurate means of detecting, measuring and trending the quantity of ferromagnetic iron (Fe) particles in piston scrapedown oil, often called cylinder drain oil.

By continuously monitoring abrasive and adhesive wear, the OFWM removes the uncertainty on cylinder wear rates in marine 2-strokes engines, resulting in optimised cylinder oil-feed rate, improved operational expenditure and maximised oil availability.

Simplex Turbulo is stockist and authorised distributor for Parker's range of condition-based monitoring equipment.



Parker

Parker has been serving the marine, oil and gas, and industrial sectors for over 30 years, leading the market with innovative preventive maintenance solutions.

Parker's accurate, reliable and portable equipment covers a wide range of fuel and oil testing techniques to carry out:

- Fuel analysis
- Lube oil analysis
- Particle detection and counting
- Acoustic analysis



Parker presented the On-line Ferrous Wear Meter at SMM 2024.

This exhibition display unit illustrates the position of the device when installed.



OFWM features and benefits

- Permanently mounted to the engine for continuous feedback.
- Reliable, requiring minimal crew intervention.
- Straightforward installation.
- Optimised cylinder oil feed rate.
- Direct reading in ppm (mg/kg) of magnetic iron (Fe) content in drain oil.
- System alerts and alarms including abnormal wear events.



TOGETHER WE ARE **SLX** GROUP

SLX Group has been supporting the marine and power industries since 1935.

Sourcing only from leading European manufacturers, we supply engine spare parts, marine components, condition monitoring equipment, and cryogenic valves. Our team of specialised engineers carry out marine services for stern tubes and propulsion systems, and for cryogenic valves and actuators.

All work and components are guaranteed and we complement that with a £5m product liability insurance.

SLX Group Ltd

24-32 London Street | Andover | Hampshire | SP10 2PE | United Kingdom

/// shark.loses.evenly

+44 1264 860 186 | spares@slxgp.com

www.slxgp.com

