



Graviner Oil Mist Detection

The "Graviner" Oil Mist Detector (OMD) is an acknowledged industry leader, fitted to countless ships worldwide. The OMD continuously monitors the density of oil mist in the crankcase of a diesel engine and will signal an alarm if the density exceeds a preset threshold. A build up of excessive oil mist, due to an engine fault such as an overheated bearing, could result in a crankcase explosion and at worst, loss of the vessel.

The **Graviner Mk6 OMD** is an analogue addressable oil mist detection system, capable of monitoring up to 64 detector heads fitted on up to 8 engines. This is achieved without sample pipes and with minimum cabling. Each detector head monitors a single crankspace and is a stand-alone device. When assigned a unique address and supplied with 24V DC it gathers oil mist density data and converts it to a digital signal for transmission via the data cable to the control unit.

OCEAN AUTOMATION SOLUTIONS have factory trained engineers and are able to carry out servicing, repairs and installation/commissioning of Graviner Oil Mist Detection Systems. We carry Graviner systems and spare parts at our facility in Dubai, United Arab Emirates, including the following:-



MK6 Spares

Bulkhead Mounting MK6 Control Units
MK6 Detectors (Complete)
Junction Box Assembly
Cable Assembly, 90 Degrees, 7.5 Metre
Cable Assembly, 90 Degrees, 10 Metre



We are able to undertake repairs on the earlier **Graviner MK5** units and carry the following spare parts in stock:-

MK5 Spares

Air Valve Assembly MK5, Sample Valve Assembly MK5, Buffer, Solenoid, Locating Spigot, Washer (Air Chamber), Toroidal O-Ring (Air Chamber), Fan Assembly, Pressure Switch, Lamp Assembly, Lamp Holder, Air Chamber, Pressure Regulator.

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OUR QUALITY MANAGEMENT SYSTEM IS CERTIFIED TO THE ISO 9001:2008 STANDARD BY LLOYD'S REGISTER QUALITY ASSURANCE