



**Oil Mist
Detector
Solutions
Pte Ltd**



www.oil-mist-detector.com

Reliable Detection. Proven Protection.

KIDDE GRAVINER MK6 OIL MIST DETECTION SYSTEM

The Kidde Gravier MK6 is a proven and trusted oil mist detection system designed to provide early warning and reliable protection for engines, turbines, and other critical machinery. With advanced detection technology and user-friendly operation, the MK6 ensures safety, reduces downtime, and delivers peace of mind.



KEY FEATURES



Early Warning & Protection

Detects oil mist at an early stage to prevent engine damage and costly downtime.



High Reliability

Proven detection technology ensures accurate and stable performance.



Advanced Alarm System

Configurable alarms and shutdown levels for enhanced safety and risk management.



Easy Installation & Maintenance

Modular design with plug-in components for quick installation and simplified servicing.



User-Friendly Interface

Clear display and intuitive controls for easy operation and monitoring.



Rugged & Durable

Built to perform in harsh marine and industrial environments.

PRODUCT HIGHLIGHTS

- ✓ Continuous oil mist monitoring
- ✓ Multi-zone detection capability
- ✓ Visual & audible alarms
- ✓ Configurable alarm & shutdown levels
- ✓ Compact and modular design
- ✓ Easy integration with existing systems
- ✓ Approved for marine & industrial applications

APPLICATIONS



Marine Diesel
Engines
(2-stroke & 4-stroke)



Marine
Gas Engines



Offshore &
FPSO Installations



Power
Generation
Engines



Stationary Diesel
Generator Sets



Industrial
Engines



OFFICE ADDRESS

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BUSINESS HOURS

Mon-Sat
9:00AM - 6:00PM
24X7 Support



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VISIT OUR WEBSITE

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KIDDE GRAVINER MK6

OIL MIST DETECTION SYSTEM



TECHNICAL SPECIFICATIONS

Parameter	Specification
Product Name	Kidde Gravier MK6 Oil Mist Detection System
System Type	Engine Crankcase Oil Mist Detection System
Detection Principle	Optical Light Scatter Detection
Sampling Method	Sequential Multi-Point Sampling
Maximum Sampling Points	Up to 64 Sampling Points
Display	High-Resolution LCD Display
User Interface	Membrane Keypad with Menu Navigation
Alarm Levels	Pre-Alarm & Main Alarm (Configurable)
Response Time	Automatic Sequential Scanning
Relay Outputs	Pre-Alarm, Main Alarm, Fault & Engine Shutdown
Communication Interface	Modbus RTU (RS-485)
Power Supply	24 VDC
Power Consumption	< 40 W (Typical)
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C
Relative Humidity	Up to 95% RH (Non-Condensing)
Enclosure Protection	IP54
Mounting	Wall Mounted
Self Diagnostics	Continuous Automatic System Monitoring
Sampling Pipe Material	Copper / Stainless Steel
Approvals	LR, ABS, DNV, BV, CCS (Configuration Dependent)
Applications	Marine Diesel Engines (2-Stroke & 4-Stroke), Marine Gas Engines, Offshore & FPSO Installations, Power Generation Engines, Stationary Diesel Generator Sets, Industrial Engines

SYSTEM CONFIGURATION EXAMPLE



 Specifications are subject to change without prior notice. Please contact Oil Mist Detector Solutions Pte Ltd for the latest information.