

ADVANCED MANAGEMENT SYSTEM (AMS100 SERIES 2)

The **Muirhead®** AMS 100 series 2 is an advanced management system designed to monitor critical operating functions and control various components on mobile and stationary machines. The system is capable of monitoring eight (8) inputs and has both LED and LCD displays. These displays can be programmed to alert the operator of any alarm conditions and can display a particular function status.

The AMS 100 series 2 comprises a central display data linked to a Programmable Output Device (POD) enabling the system to monitor both Original Equipment Manufactured (OEM) and non-OEM components. The central display keeps the operator informed of the status of their machine and helps to prevent premature engine wear, unexpected breakdowns and costly repairs.

The system can be programmed to monitor and/or display various functions such as idle down vehicle and engine overspeed, park brake warning, raised tray and opened doors. All monitored functions can be assigned a pre-determined level of warning response, allowing for uniformed safety and operational control. As a means to protect equipment components from damage, the AMS 100 series 2 can be set to idle and/or shutdown the machine if an abnormal operating condition is detected.

FEATURES & BENEFITS

- One central display
- Programmable monitoring
- Programmable warning response
- 8 inputs and 4 outputs standard configuration
- Cost effective solution for multiple function monitoring
- Ergonomic design maximises cabin space
- Event logging (logs last 500 events in a CSV format)
- Easy download
- New user friendly software
- Variable alarm outputs
- RPM display for stationary engine applications
- Expandable input/output options (by adding 1111 module)
- New idle down LED indicator (flashing)

Now with event logging



Part No. 1111

Part No. 9887

Part No. 9887	AMS-100 display series 2
Part No. 1111	AMS-100 POD series 2
Part No. 3433	Data/downloading loom

APPLICATIONS

- Trucks
- Dozers
- Graders
- Excavators
- Haul trucks
- Loaders



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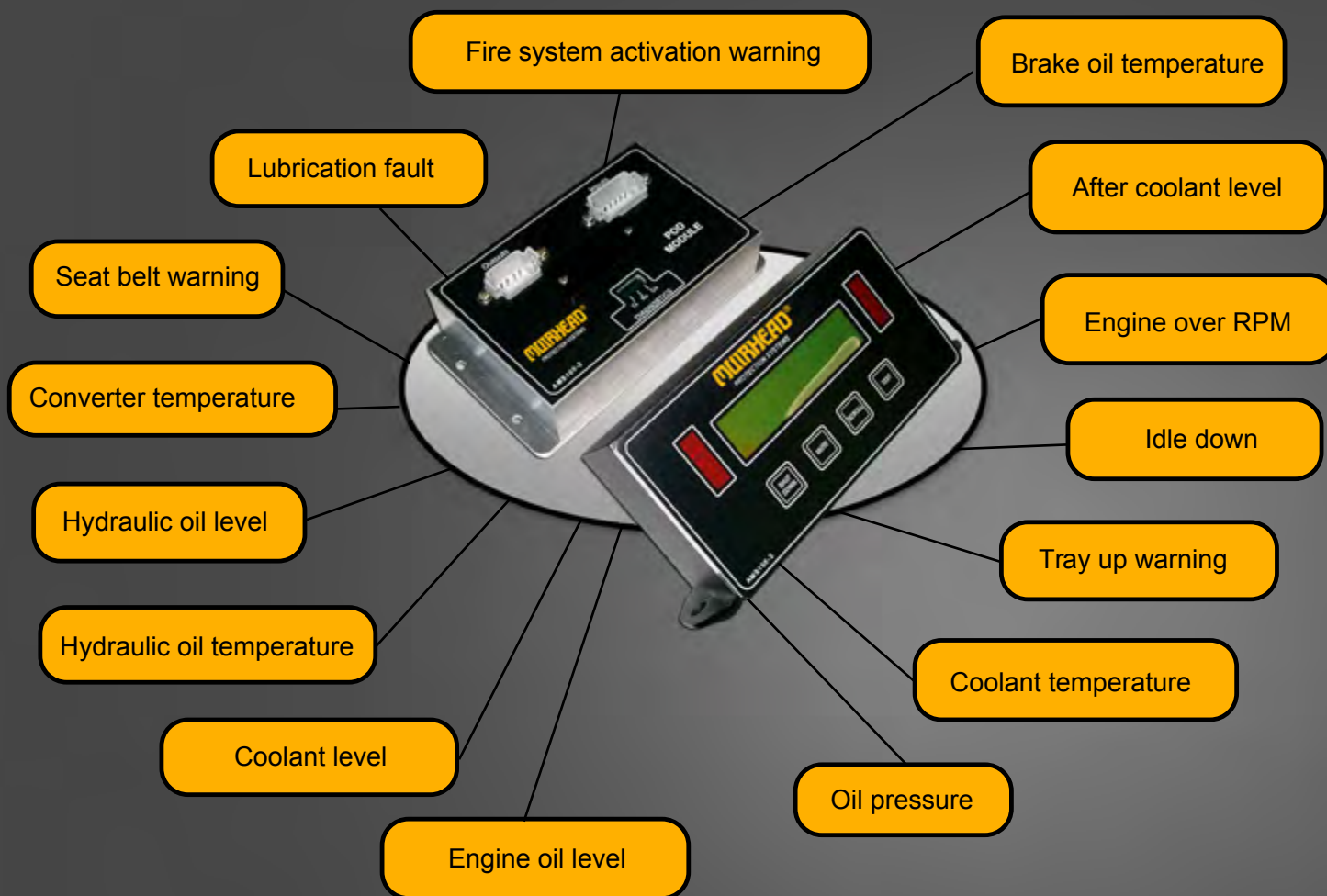
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**DISPLAY AND
OUTPUT OPTIONS**

All inputs can be configured to have individual output options: Visual warning - Audible warning - Return to idle - Engine shutdown

- LCD visual only
- LCD visual and LED alert
- LCD visual, LED alert and audible alarm
- LCD visual, LED alert, audible alarm and return to idle
- LCD visual, LED alert, audible alarm, return to idle and shutdown
- LCD visual, LED alert, audible alarm and shutdown
- LCD visual and instant shutdown (suits generators/pumps etc)



**EXAMPLE OF
DOWNLOAD REPORT**

POD	ALM	DATE	TIME	COND	MSG
0	0	13/04/2009	8:34:40	RESET	ID:RD6969 Hours:10133:57
1	43	2/04/2009	8:26:56	SET	Engine RPM Near Limit
1	43	2/04/2009	8:27:03	RESET	Engine RPM Near Limit
1	22	2/04/2009	9:32:16	SET	Brake Oil Temp Near Limit
1	22	2/04/2009	9:33:39	RESET	Brake Oil Temp Near Limit
1	43	2/04/2009	11:11:03	SET	Engine RPM Near Limit
1	43	2/04/2009	11:11:15	RESET	Engine RPM Near Limit
1	22	3/04/2009	11:04:59	SET	Brake Oil Temp Near Limit
1	23	3/04/2009	11:05:39	SET	Brake Oil Temp Over Temp
1	23	3/04/2009	11:08:44	RESET	Brake Oil Temp Over Temp
1	22	3/04/2009	11:09:05	RESET	Brake Oil Temp Near Limit
1	43	6/04/2009	8:26:56	SET	Engine RPM Near Limit
1	43	6/04/2009	8:26:56	RESET	Engine RPM Near Limit
1	43	8/04/2009	22:01:17	SET	Engine RPM Near Limit
1	44	8/04/2009	22:01:22	SET	Engine RPM Over RPM
1	44	8/04/2009	22:01:27	RESET	Engine RPM Over RPM
1	43	8/04/2009	22:01:27	RESET	Engine RPM Near Limit
1	19	12/04/2009	11:06:13	SET	Water Temp High Temp
1	19	12/04/2009	11:18:21	RESET	Water Temp High Temp