

OILMISER™ Technology • 30 Years of Innovation

2008 ●●●● JLM Systems Introduces the **OILMISER™ Sampling Plug & Valve** ●●●●**2008**

Experience will always show you what doesn't work. More importantly experience can teach you what will work. **OILMISER™** Technology, is on the job experience.

The **OILMISER™ Plug & Sampling Valve (PSV)** is designed to survive in the harshest of industrial environments. A plated steel Hex Plug Body, has a Hi-Flow Oil Sampling Valve recessed into a threaded cavity, and protected by a Steel Hex Cap.

This low profile design makes it virtually indestructible in the work place, while providing easy access for drawing clean, consistent and reliable oil samples with a hand held vacuum pump



2007 ●●●● JLM Systems Introduces the **OILMISER™ Reservoir Aspirator** ●●●● **2007**

The **OILMISER™ Reservoir Aspirator (ORA)** has two unidirectional passageways in one cast aluminum body.

The Inflow Control Gate (ICG) lets outside air enter the reservoir or storage tank only through the air filter whenever the temperature falls, or the fluid level in the reservoir drops.

The Exhaust Control Outlet (ECO) passageway lets internal fumes and gasses caused by thermal expansion or refilling the tank, to exhaust from the tank without fouling the air filter.

An optional Vacuum Gauge Port (VGP) in the vertical airway can be used to provide a real time reading on the condition of the air filter



2005 ●●●●● JLM Systems Introduces the **OILMISER™ Sample Tube** ●●●●● **2005**

Oil Sampling and oil analysis have long been recognized as the yardstick for measuring the health of gearboxes and rotating lubricated machinery, and a snap shot of their mechanical reliability.

The **OILMISER™ Sampling Tube (OST)**, with its unique 3 piece design, significantly reduces installation time, and adds a new level flexibility and efficiency to gearbox maintenance.

It features a stainless steel pitot tube with an inside area 4 times larger than conventional pitot tubes. Four times the inside area means 1/4 the effort when pulling an oil sample with a hand held vacuum pump.



2004 ●●●●● JLM Systems Introduces the **OILMISER™ Vapor Guard** ●●●●● **2004**
Qualified # 1 for the 2010 Manning Innovation Awards

The **OILMISER™ Vapor Guard (OVG)** is designed for rotating lubricated machinery, hydraulic reservoirs, and oil storage tanks that are vented to atmosphere.

High working loads, continuous operation, and daily temperature fluctuations, all combine to generate oil mist and vapors on the inside that escape through the air vent. The most visible result is oil dripping from the air filter onto the equipment, and an oily grime that coats the machinery and surrounding area. Less obvious but much more serious is the reduced life of mechanical seals caused by an ineffective air breather.

The **OVG**, traps the oil mist migrating out of the gearbox before it fouls the air filter. Here it condenses back into oil and drains back into the machine to continue the job of lubrication.



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2004 ●●●● JLM Systems Introduces OILMISER™ Color Coded Filter System ●●●● **2004**

Are you Using the Right Filter? Are You Sure?



If there was just one type of lubricating oil for all lubricated machinery, then one oil filter would do the job. The reality is that different machines, under different operating conditions, require different lubricating oils. The cost of the lube oil, is just one of many things to consider.

The major costs for an effective **RCM** program are the time & effort spent gathering the data, the reliability of the data, and the qualified personnel needed to interpret and manage it.

The **OILMISER™ Color Coding System**, is a value added™ service that takes the uncertainty out of filter element selection. Now a filter element can be immediately identified as correct or incorrect for each application at a glance.

2003 ●●●● JLM Systems Introduces the OILMISER™ Off-Line Filtration Kit ●●●● **2003**

The benefits of Kidney-Loop Filtration cannot be disputed. Considered health care for rotating lubricated machinery, Off-Line filtration should be an essential part in any **CBM** program.

Designed as a simple retrofit for hydraulic reservoirs, the **OILMISER™** OFF-Line Filtration kit installs in minutes. **Two** ½" NPT female pipe ports, one for a suction line and one for a return line, change a filter cart into an oil dialysis machine. A Drum Mount version of the Off-Line Filtration kit is designed for Kidney-Loop filtration right in your suppliers oil drum

In one simple installation, all your oil management needs are met.
air quality • fluid handling • oil sampling • off-line filtration.



2000 ●●●● JLM Systems Adds Oil Sampling OILMISER™ FILLorDRAIN™ ●●●● **2000**



Condition Based Maintenance, requires standardized practices and recording procedures that are simple, consistent and repeatable.

With the addition of a permanent, external and accessible oil sampling port, **OILMISER™** Technology moved oil sampling and oil analysis to the top of the easy to do maintenance procedures

Using the external sampling port on the new **OILMISER™ FILLorDRAIN™** an oil sample could be drawn safely and constantly under operating conditions, without invasive procedures and at regularly scheduled intervals.

1978 ●●●● JLM Systems Introduces the OILMISER™ FILLorDRAIN™ ●●●● **1978**

In the mid 1970's, the manufacturing sector was being motivated by the need to reduce • reuse • recycle and driven by the need for productivity • efficiency • reliability.

A major problem for the reliability of production equipment was contamination in oil tanks, hydraulic reservoirs and machinery. The main causes were easy to identify; ineffective air breathers & poor fluid handling procedures

The **OILMISER™ FILLorDRAIN™** standardized fluid handling procedures, improved reliability and increased productivity. It closed the loop on airborne contamination control between the drum and the reservoir long before the term Reliability Centered Maintenance was coined

