

**OILMISER™ Technology • 30 Years of Innovation****2009••••• JLM Systems Introduces the OILMISER™ Oil Plug & Sampling Valve**

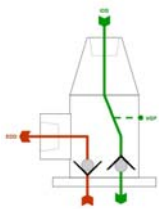
The **OILMISER™** Oil Plug & Sampling Valve addresses three basic issues that impact both the frequency and the confidence level of oil sampling in the mining industry, the off-road equipment industry, and the bulk handling industry.



- Heavy industrial wheel motors, planetary drives, and power train components, generally work in confined spaces, or in exposed locations, where they are vulnerable to work place hazards.
- The killers of rotating, lubricated machinery are dirt, dust, grit and water. The real challenge is keeping it out whenever you are drawing an oil sample.
- The severe duty and operating conditions in these work place environments demand bullet proof solutions and bullet proof components.

The **OILMISER™** Oil Plug & Sampling Valve

- replaces the original oil fill & inspection plug
- reduces pre-cleaning & preparation time prior to drawing an oil sample
- eliminates the risks of an open port when drawing an oil sample
- the enclosed Hi-Viscosity Hi-Flow sampling valve is clean & easily accessible
- delivers a quick, clean & reliable oil sample each & every time

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

The **ORA** has two uni-directional passageways in one body.

The Inflow Control Gate allows outside replacement air to enter the reservoir, only through the air filter, while preventing any back flow of internal fumes and gasses from exhausting through the air filter.

The Exhaust Control Outlet port allows internal fumes and gasses generated inside the reservoir to exhaust only through the 1" NPT side port, while preventing replacement air from reentering through this exhaust port.

This uni-directional airway improves the effectiveness and extends the life of water absorbing desiccant breathers. The separate uni-directional exhaust port controls the discharge of odorous fumes and gasses.

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

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

The unique 3 piece design of the **OILMISER™** Sampling Tube features a pitot tube with 4 times the inside area of conventional pitot tubes. Four times the area means ¼ the effort when using a hand held vacuum pump.

Together with a host of unique **OILMISER™** maintenance tools, designed to add the benefits of true Kidney-Loop Filtration, to industrial gearboxes and machinery, JLM Systems with **OILMISER™** Technology is a world class manufacturer and supplier of Reliability Centered Maintenance Tools.

**2004** ●●●●● *JLM Systems Introduces the OILMISER™ Vapor Guard*

Any loss of lubricating oil is a maintenance issue. Left unchecked, it soon becomes a safety issue, a house-keeping problem and an environmental concern. Keep the oil on the inside, and the problems go away.

Oil mist caused by thermal expansion, or free oil splashing inside lubricated equipment, will accumulate in the air breather. In addition to contaminating the surrounding area with dripping oil, a saturated air breather reduces the life of mechanical seals on rotating machinery.

The OILMISER™ Vapor Guard is used on lubricated machinery that is vented to atmosphere. The escaping oil gets trapped inside the Vapor Guard and not in the air filter. It then drains back into the machine.

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

For Reliability Centered Maintenance, The benefits of Off-Line Filtration cannot be overstated.

Too often, the anticipated high cost of an Off-Line Filtration system is the principle factor for delaying its implementation.

Designed as a simple retrofit for most hydraulic reservoirs, the OILMISER™ OFF-Line Filtration kit installs in minutes. With two ½" NPT female pipe ports for the kidney-loop filtration system, and a high quality 5 micron air filter, OILMISER™ Technology meets all your oil maintenance needs.

air quality • oil sampling • off-line filtration • fluids handling

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

Oil sampling and oil analysis continues to give the best measure of fluid cleanliness, and a machine's operating condition and mechanical reliability.

Essential to the concept of condition based maintenance, is the establishment of standardized practices and procedures.

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

This eliminated many of the inconsistencies that challenged the confidence level of the oil analysis.

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

In the 1970's, the focus for the manufacturer was motivated by the terms reduce • reuse • recycle. While an emerging global market place demanded 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 when transferring oil from the drum to reservoir or from the reservoir to the drum.

