

THE RIGHT PRODUCTS.

THE RIGHT VALUES.

THE RIGHT CHOICE.



RELIABLE LUBRICATION METHODS FOR FOOD AND BEVERAGE APPLICATIONS

- DESIGNED TO PROVIDE METERED AMOUNTS OF LUBRICANT AT SCHEDULED INTERVALS
- OPTIMAL LUBRICATION IS ACHIEVED WHILE MACHINERY IS OPERATING
- FEEDBACK DEVICES INDICATE SYSTEM STATUS
- NOT AFFECTED BY SEVERE MOISTURE, HEAT OR COLD, PRODUCT SPILLS. & SANITARY TREATMENT CONDITIONS
- REDUCE OPERATING COSTS, INCREASE PRODUCTIVITY & EXTEND BEARING LIFE
- TAKE CHARGE OF YOUR LUBRICATION PROGRAM AND IMPROVE PLANT PERFORMANCE

For product bulletins & additional information visit us at

www.lubricationscientifics.com

Or call toll free at: (877) 452-0157

MADE IN



The Lubrication Scientifics Advantage

Innovations from the Voice of the Customer

Lubrication Scientifics has invested in the improvement of automated lubrication equipment, developing innovative products that provide superior solutions for Food and Beverage plant applications. With over 100 years of experience in automatic lubrication, our partnerships within the industry have developed effective methods that improve asset life and productivity with measurable returns on investment.

THE RIGHT PRODUCTS

Various system designs, including single line parallel, dual line, series progressive, and hybrid systems are offered to provide the best technical solution for your application. Lubrication Scientifics offers metering devices in plated carbon steel, and 303 or 316 stainless construction to perform under the most demanding environmental conditions. Our world class Irvine, CA manufacturing facility produces ISO certified quality products with "off the shelf" delivery. We will help you select from a simple manual system to fully automated designs with condition monitoring.

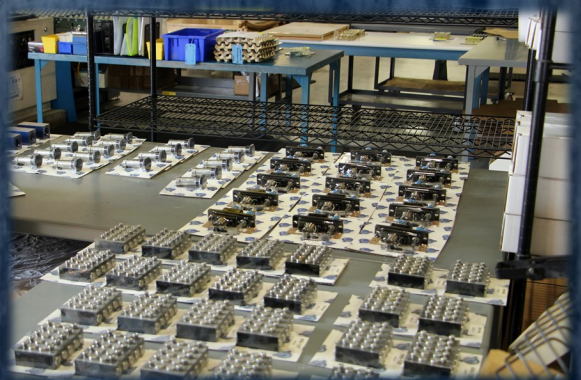


THE RIGHT VALUES

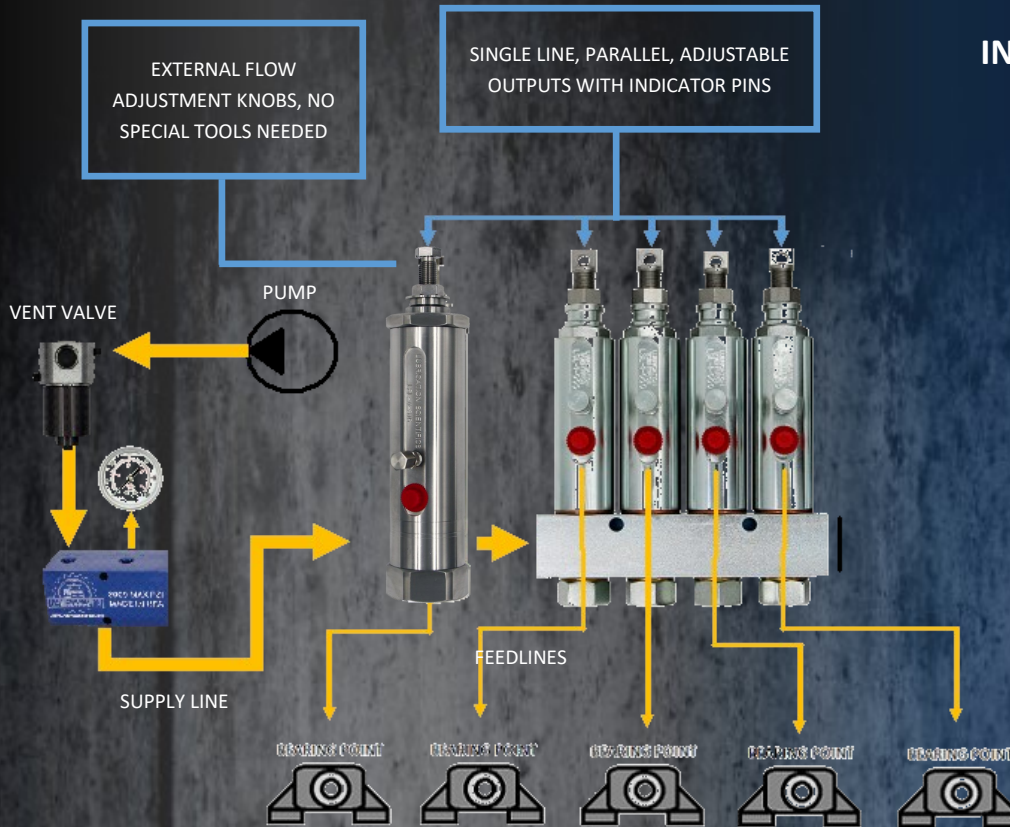
Recognizing the needs of our customers we constantly strive to provide the latest state of the art features in our products. Our presence in the food and beverage, mining, construction, gas transmission, refining and heavy metals industries allow us to lead with new and innovative ideas. Product and application specialists with a passion for excellence are available to support your efforts and provide comprehensive solutions for lubrication issues.

THE RIGHT CHOICE

It makes sense to choose Lubrication Scientifics products to improve asset life, increase reliability, improve uptime, save energy and lubricate 24/7 without shutdown. Start today to protect your investments and automate your maintenance operations by contacting Lubrication Scientifics for a meeting with one of our experienced design specialists.



INJECTOR SYSTEM EXAMPLE

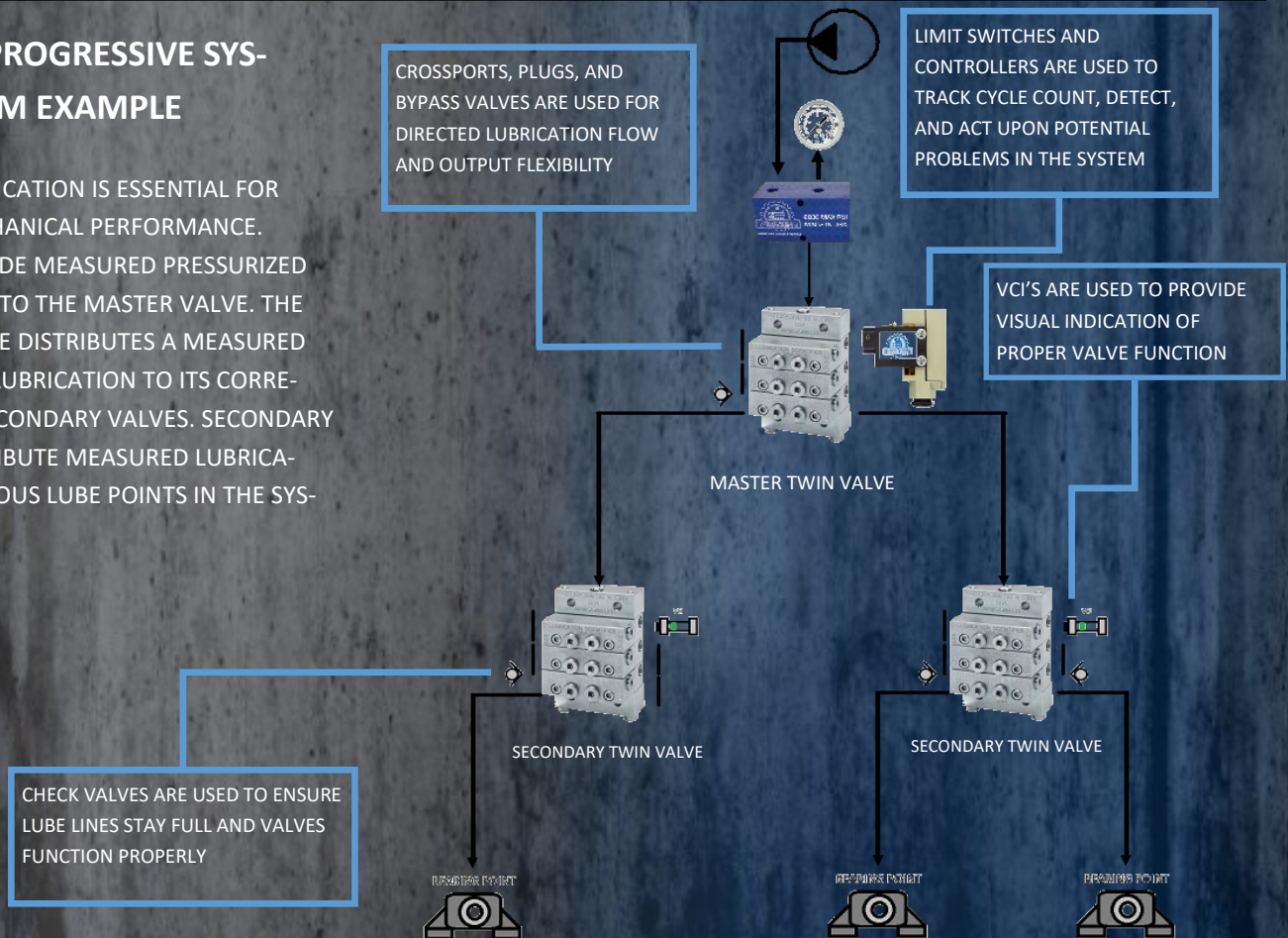


INJECTORS OFFER A FLEXIBLE, COST EFFECTIVE SOLUTION FOR DELIVERING MODERATE TO HIGH FLOWS OF LUBRICATION TO A LUBE POINT. THEY ARE EASY TO MAINTAIN, REPAIR, AND INSTALL AS WELL AS ADDING EXISTING SYSTEMS. INJECTORS ARE EXTERNALLY ADJUSTABLE AND WORK INDEPENDENTLY. THEY CAN BE USED IN PARALLEL; MEANING IF ONE FAILS, THE REST IN PARALLEL WILL CONTINUE TO FUNCTION.

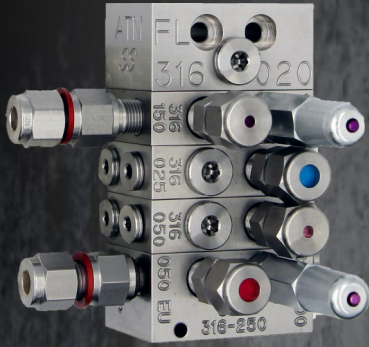


SERIES PROGRESSIVE SYSTEM EXAMPLE

PRECISE LUBRICATION IS ESSENTIAL FOR PROPER MECHANICAL PERFORMANCE. PUMPS PROVIDE MEASURED PRESSURIZED LUBRICATION TO THE MASTER VALVE. THE MASTER VALVE DISTRIBUTES A MEASURED AMOUNT OF LUBRICATION TO ITS CORRESPONDING SECONDARY VALVES. SECONDARY VALVES DISTRIBUTE MEASURED LUBRICATION TO VARIOUS LUBE POINTS IN THE SYSTEM.



ORFL—MINIATURE DIVIDER VALVES



- COMPACT & LIGHTWEIGHT
- ACCEPTS STANDARD PERFORMANCE INDICATORS & FITTINGS
- CARBON STEEL, 303, & 316 STAINLESS STEEL AVAILABLE
- STANDARD PRESSURE
- DESIGNED WITH FEEDBACK MONITORING SYSTEM PERFORMANCE
- DESIGNED FOR OIL AND GREASE
- SIDE & FRONT FACING OUTPUTS
- 316 STAINLESS INTERNAL CHECK VALVES AND SPRINGS
- OIL AND GREASE APPLICATIONS
- FOR OFF ROAD, INDUSTRIAL, MARINE, & FOOD PROCESSING MACHINERY
- 1-24 LUBE POINTS PER VALVE ASSEMBLY
- REFER TO BULLETIN: LSM022-TB

LSL 32, LSL 11 & LSL 1 STANDARD, & HIGH OUTPUT INJECTORS

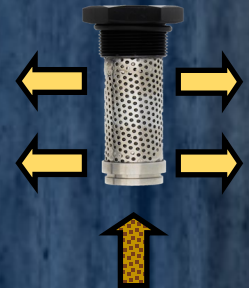
- SINGLE LINE POSITIVE DISPLACEMENT GREASE OR OIL INJECTORS
- AVAILABLE IN ADJUSTABLE STANDARD OR HIGH OUTPUT MODELS
- EASY REPAIR OR REPLACEMENT. NO MACHINE DOWNTIME REQUIRED
- AVAILABLE WITH STAND ALONE OR MANIFOLD MOUNTING
- PRESSURE RATINGS UP TO 5000 PSI
- VISUAL INDICATOR PIN INCLUDED ON ALL MODELS
- AVAILABLE IN CARBON STEEL, 303 SS OR 316 SS CONSTRUCTION. MADE IN THE U.S.A.
- DIRECTLY INTERCHANGEABLE WITH ALL OTHER INJECTOR BRANDS
- LSL 32 SERIES OFFER 50% MORE OUTPUT THAN COMPETITIVE MODELS
- REFER TO BULLETIN: LSM012



DIRT TRAP & DIRT TRAP MINI



- CONTAMINATION TRAPPED IN THROW AWAY ELEMENT FOR CLEAN FILTER REPLACEMENT
- SUITABLE FOR OIL AND GREASE APPLICATIONS
- 5 TO 420 MICRON FILTRATION ELEMENTS AVAILABLE
- ACCOMMODATES HIGH PRESSURES UP TO 7500 PSI (STEEL), 6000 PSI (ALUMINUM)
- MULTIPLE INLETS AND OUTLETS FOR MONITORING PRESSURE OR INSTALLING BLEED PORTS
- MOUNTS IN ANY ORIENTATION
- REFER TO BULLETIN: LSM002-TB



MANUAL, PNEUMATIC, ELECTRIC, AND HYDRAULIC PUMPS

- PRESSURE RANGES FROM 40-6,000 PSI
- CYCLE RANGES VARY FROM 20 TO 170 CYCLES PER MINUTE
- HIGH STRENGTH POLYCARBONATE TUBE OR STEEL RESERVOIRS
- SINGLE ACTION OR DOUBLE ACTION PUMPS AVAILABLE
- 6LBS TO 400LBS OIL AND GREASE RESERVOIR PUMPS AVAILABLE
- STAINLESS STEEL HARDWARE
- ADJUSTABLE OUTPUT
- PUMP PACKAGES WITH LOW LEVEL, AND HIGH PRESSURE SWITCH OPTIONS AVAILABLE
- HIGH PRESSURE RELIEF DEVICES
- CONTAMINATION PREVENTION

