



Since 1933

All From One Source

Oil-Rite designs and manufactures a variety of lubrication equipment used to make industry more efficient and reliable. An optimized lubrication program is proven to prolong the life of machinery and result in significant cost savings. Oil-Rite's flagship product is the patented PurgeX® pump, a true innovation among lubrication methods. It is called PurgeX® because entrapped air and other impurities are automatically "purged" from the system. Over 360,000,000 cycles have been achieved in lab tests without appreciable wear. Some of the benefits of dispensing very small amounts of liquid or grease include: minimized environmental contamination, less maintenance, a cleaner and safer workplace, reduced down-time, and fluid cost savings. Thousands of standard and custom-designed lubrication products are available - *All From One Source*.

PurgeX® Liquid or Grease Delivery Air Operated

This economical pump utilizes positive displacement for precise and reliable output. In addition to lubricant, it has been used to dispense ink, solvents, alcohol, dyes, and other industrial fluids. The unique design of the pump converts low pressure compressed air (40-120 psi) to high pressure output of up to 1,080 psi. Volume can be adjusted from 0 to .007 ounces per cycle using only a slotted screwdriver.



B3162

PurgeX® Liquid or Grease Delivery Motor Operated

Motorized PurgeX® offers many of the same advantages as its air-powered counterpart. Motors are available in common voltages like 120V/60Hz and 24VDC. A rotating cam shaft creates the piston motion required to dispense fluid. Up to 4 outputs can be on a single body and each will cycle once per minute. Faster cycling motors are available. Output volume is adjustable from 0 to .005 ounces.



B3429

PurgeX® Spray for Liquid or Grease Air Operated

This unit sprays fluid with each cycle of compressed air. The PurgeX® pump routes air to the spray nozzle, eliminating the need for an additional air regulator. Both fluid volume and amount of air at the nozzle tip are adjustable. The standard 8 inch coaxial cable is flexible, yet rigid enough to stay in position. Other cable lengths are available.



B3559

PurgeX® Grease Delivery With Integral Reservoir - Air Operated

PurgeX® pumps can be equipped with a grease reservoir that is easily filled through a zerk fitting. The translucent reservoir allows viewing of the grease level. The reservoir can supply a bank of up to 8 pumps. Volume delivery is adjustable for each pump from 0 to .007 ounces. The evacuation valve assures there is no oozing of grease after each dispensing cycle.



B3325

PurgeX® Grease Delivery With Integral Reservoir - Motor Operated

Motorized PurgeX® utilizes common voltages like 120V/60Hz and 24VDC. The integral grease reservoir provides for streamlined installation in a compact package. Up to 4 outputs can be on a single body and each output will cycle once per minute while power is supplied to the motor. Faster cycling motors are available. Output volume is separately adjustable from 0 to .005 ounces.



B3477

PurgeX® Spray for Grease With Integral Reservoir - Air Operated

This unit sprays grease with each cycle of compressed air. It is efficiently designed to have onboard reservoir, volume adjustment, and air flow control to spray nozzle. The standard 8 inch coaxial cable is flexible, yet rigid enough to stay in position. Other cable lengths are available. Up to 6 pump bodies can be combined utilizing a common reservoir.



B3560

PurgeX® Ultra-Micro Liquid or Grease Delivery - Air Operated

The Ultra-Micro PurgeX® functions like the standard PurgeX® but utilizes a smaller internal chamber. It is designed for applications that require fine adjustments at the absolute minimal levels of dispensing (from 0 to .0007 ounces). The adjustment dial is hand operated. Like the entire PurgeX® line, the Ultra-Micro PurgeX® is self-priming.



B3583

PurgeX® Quick Pack® Centralized Lubrication System

This plate-mounted lubrication unit is efficient in every respect. Installation is quick. Central access to fluid supply and dispensing controls are features sought by both machine designers and maintenance personnel. These PurgeX® units are available in both air and motor operated versions. They can be equipped for liquid or grease dispensing in banks of 2 to 36 pumps.



B3544

The PurgeX® Six Pack "Ready to Go" Lubrication System

This turnkey system utilizes PurgeX® pumps and comes supplied with timer, 3-way solenoid, reservoir, and an enclosure. Connections to shop air and standard electrical current make this unit fully operable in a matter of minutes. The amount of fluid dispensed can be adjusted on each pump. It is available with 6, 12, or 18 lubrication feed points.



B3471

PurgeX® Infrared Lubrication System

This PurgeX® unit utilizes infrared sensing and programmable logic control to achieve the ultimate in precision fluid delivery. It is particularly suited to applications such as high speed chains. Liquid volume is adjustable for each point from 0 to .007 ounces. It is suitable for wash down environments utilizing pressures up to 1,200 psi.



B3651

Liquid Level Gages

Liquid level gages are used where it is necessary to check liquid levels for the protection of costly equipment: tanks, pumps, compressors, reservoirs, hydraulic equipment, bearings, gear boxes, crank cases, transformers, and switches. They are manufactured in various materials: brass, aluminum, steel, stainless steel, nylon, and flexible tubing. They are available in front or back mounting, with various size connections, and with features such as thermometers, shut-off valves, and drain bases.



Lubricators

Lubricators are available in a variety of styles, capacities, and materials. Single feed oilers deliver an adjustable rate of liquid by gravity from a reservoir. Multiple feed oilers can support as many as 24 valves. Full flow oilers supply fluid for one or multiple remote valves. Reservoirs are available in acrylic, Pyrex, and polycarbonate. Flow is controlled with either a manual toggle switch or electronically with a solenoid. Constant level oilers will maintain a fixed liquid level in a bearing housing or gear box.



Air Operated Dispensers

Air operated spray dispensers permit fine to coarse spraying of liquids from any angle. Regulated air pressure feeds liquid to elevated, distant, and difficult to reach areas. They can be equipped with multiple spray nozzles which in turn can be controlled by in-line solenoids. Air operated dispensers can be used to apply liquid to conveyors, chain drives, bull gears, trolley wheel bearings, wire rope, strip stock for punch presses, or any other application requiring a film of liquid.



Window Sights

Window sights serve a similar function as liquid level gages, allowing visual confirmation of fluid level. They are also used to observe liquid condition, fluid motion, mechanical movements, or tests performed with a safe enclosure. Some common applications are hydraulic tanks, pressure vessels, reservoirs, packaged power equipment, hydraulic lines, and piping. Window sights are manufactured in two styles: glass secured by a retaining ring or glass fused to the body. NPT and straight threads are available.



Chain Lubricators

Chain lubricators dispense liquid by gravity through an adjustable needle valve. The liquid feed rate is visible through a sight chamber. Flow to the brush is controlled with either a manual toggle switch or electronically with a solenoid. Brush bristles can be specified as nylon or stainless steel, and come in round, flat, or roto style. Reservoirs are available in polycarbonate, acrylic, and Pyrex in a number sizes from 1 ounce to 1 gallon.



Deluxe Air Operated Dispensers

These units offer the same functionality as the acrylic and steel air operated dispensers in dispensing a continuous film to chains, ropes, trolley wheels, and other surfaces. They perform exceptionally well in dusty and dirty surroundings, since the pressure within the reservoir prevents foreign matter from contaminating liquid or clogging valves. The units utilize an oil filter, pressure regulator with gage, relief valve, liquid level gage, and a filler cap for replenishing the oil supply.



Liquid Level Switches

Single stage liquid level switches are designed to shut down machinery or turn on warning devices when the liquid supply fails or recedes to a predetermined level. This is especially important in automated plants which demand bearing protection to safeguard against downtime and costly repairs. The switch with a clear acrylic reservoir is used for remote indication of low liquid levels. The switch less reservoir is designed for internal use on open or pressure tanks.



Filters and Vent Plugs

Filters are available for liquid or air filtration and can be used in a variety of applications. Most units can be easily disassembled for cleaning or replacing the filter element. Vent plugs are used on bearing housings, gear boxes, reservoirs and similar equipment to prevent pressure build-up or a vacuum from occurring. The filter style protects contents from contaminants. The deflector style maintains air flow while minimizing any loss of fluid through the same port.



Valves and Flow Sights

Sight feed valves control the liquid volume dispensed and permit visual observation of liquid flow. They are used on both gravity and pressure oiling systems. A needle valve allows for flow control. They are available in large sizes (universal) and small, as well as multi-valve configurations. Window, full vision, and overflow sights are an economical means of checking flow and clarity of a liquid at a glance. Window flow sights offer the option of a restricted orifice to control flow rate.

