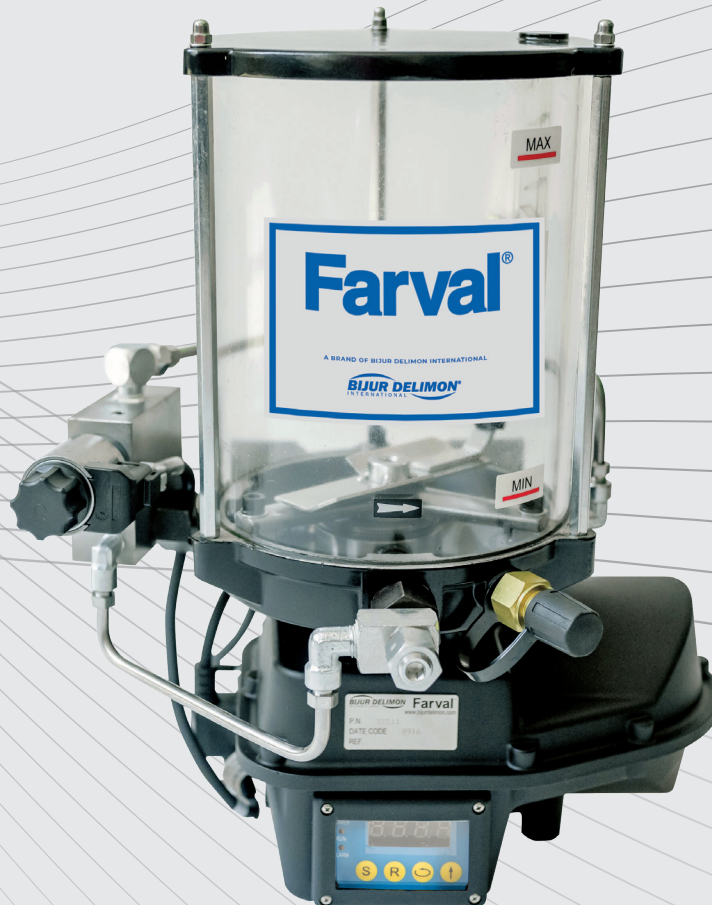


MultiPort II Lubricator for Injector Systems



FEATURES & BENEFITS

- Compact rugged design
- Minimal maintenance required
- High and low pressure capabilities
- Ability to operate in harsh conditions
- Integral controller available
- Low Level Switch option available

Adding a Bijur Delimon lubrication system increases equipment life by decreasing wear on vital components. The MultiPort II also protects your employees by eliminating the need for manually applying lubricant while in operation.



For more information about this product, contact us at (+1) 800-631-0168 or sales@bijurdelimon.com

PROVEN QUALITY, RELIABILITY AND ACCURACY.

GENERAL

The MultiPort II Lubricator is an electrically driven multiple outlet lubrication unit designed primarily for use with positive displacement injector (PDI) systems. The pump has two combined pumping elements at the left and center positions, along with a DC controlled vent valve for relieving system pressure. These lubricators are available with 12 & 24 VDC motors, which make them ideal for use in mobile applications. An integral controller is available, or the pump can be controlled by an external controller (such as SMDC) or by the customer's PLC/DCS/etc.

OPERATION

Power supplied to a motor with gear box drives a precision eccentric cam which engages with the spring loaded piston elements. This action creates a suction and pressure stroke of the element(s), thereby displacing a fixed volume of lubricant through an outlet check valve. Lubricant is discharged through main line tubing to a series of positive displacement injectors and on to multiple lubrication points. The lubricator also includes a solenoid operated vent valve which relieves mainline pressure when the pump motor stops, allowing injectors to reset for the next cycle.

TECHNICAL DATA

Reservoir Capacity	3 liter (7 lb) or 7 liter (15 lb)
Grease¹	24VDC NLGI grade 000-2
	12VDC NLGI grade 000-0
Maximum Working Pressure	24VDC 200 bar (2900 psi) / 12VDC 40 bar (580 psi)
Output/min.	6.0 cc (0.36 cu. in.)
Discharge Element Output Port	1/4" NPT(F) or 1/4"BSPP(F)
Operating Temperature Range¹	-4° F to 122° F (-20° C to 50° C)
Operating Voltage	12 or 24 VDC
Motor²	24VDC (2 amp) / 12VDC (4 amp)
Controller Fuse	24VDC (5 amp) / 12VDC (8 amp)
Enclosure Rating	IP69K
Low Level Switch	Capacitive Prox Switch, DC NPN, 10-36DC, Normally Closed (N.C.)
Fill Connection	Quick disconnect or Zerk
Lubricator Weight with Reservoir	3L 25 lbs / 7L 28 lbs (3L 11.3 Kg / 7L 12.7 Kg)

¹ Lubricant must be pumpable at the operating temperature.

Contact lubricant manufacturer with specific questions.

² Operates at 40 rpm @ 68° F, 1000 psi back pressure.



MultiPort II PDI
3 Liter - 24 VDC

Refer to the following datasheets:

- + Datasheet #36750:
MultiPort II PDI
- + Datasheet #46911:
SMDC Controller
- + Catalog #414:
ExactoServe Systems
- + Datasheet #35482:
CXL2 Injectors
- + Datasheet #35584:
VXLO Injectors
- + Datasheet #35744:
Manual Fill Pumps

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