

MultiPort II Lubricator



FEATURES & BENEFITS

- Compact rugged design
- Minimal maintenance required
- Up to 3 outlets available
- High 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 further information about this product, please 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 progressive divider valve systems. The unit is capable of housing up to three independent pumping elements for direct feed to lubrication points or through a distribution network of progressive divider valves. These lubricators are available with 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 our 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 up to three spring load 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 progressive divider valves and on to multiple lubrication points. Each piston element incorporates an adjustable relief valve.

TECHNICAL DATA

Reservoir Capacity	3 liter (7 lb) or 7 liter (15 lb)
Grease	NLGI grade 000-2
Maximum Working Pressure	250 bar (3625 psi)
Output/ min.	4.0 cc (0.24 cu. in.) per element
Discharge Element Output Port	1/4" NPT(F)
Operating Temperature Range	-13°F to 122°F (-25°C to 50°C)
Operating Voltage	24 VDC
Pumping Elements	1 to 3
Motor ¹	24VDC (2 amp)
Controller Fuse	5 amp
Enclosure Rating	IP-65
Fill Connection	Quick disconnect
Low Level Switch	Capacitive Prox Switch, DC NPN, 10-36DC, Normally Closed (N.C.)

¹ Operates at 40 rpm @ 68°F, 1000 psi back pressure

Refer to the following datasheets:

- + Datasheet #46911:
SMDC Controller
- + Datasheet #35635:
PVB Mobile Divider Valve

'L' Dimensions (as seen in right schematic)

Description		"L"
With Low Level Switch	3 Liter (7 lb.)	455
	7 Liter (15 lb.)	655
Without Low Level Switch	3 Liter (7 lb.)	419
	7 Liter (15 lb.)	619



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DIMENSION SCHEMATICS

