

# L13 Lubricator

## PDI Systems, Manual, One Shot, Oil

### General

A single action manual piston pump used to actuate fixed output positive displacement oil injectors. The unit can be used with series ZJB, ZMB, ZT and SJM injectors. The pump incorporates an internal maximum pressure relief valve and a flow control valve to relieve distribution line pressure as required for normal operation of positive displacement oil injectors. Models are offered with a delivery connection outlet on left or right sides of the unit. A dual outlet (left and right sides) is also available.

### Operation

For a delivery stroke, pull the handle firmly and briefly to its lower end position. This action builds up system pressure to actuate injectors. To depressurize pressure in the system, return handle to its original upright position.

If main line distribution is 2 meters (6 feet) or longer, use 6 1/4" O.D. tubing or larger diameter tubing. The oil demand of the PDI system should not exceed 75% of the full volume oil output from pump to allow sufficient capacity for system pressure build-up.



### Technical Data

Discharge	13cc maximum
Discharge Pressure	20 bar (290 psi)
Relieving Pressure	0.7 bar (10 psi)
Oil Viscosity	32-750 cSt (150-2,700 SSU)
Reservoir Capacity	1 liter
Usable Reservoir Capacity	0.8 liter
Reservoir Material	Plastic
Installation Position	Vertical
Weight	1.53 kg (3 lb, 6 oz)

### How to Order

Description	Symbol	Outlet Thread	Part #
Manual Lubricator Left Hand Outlet	L13-L	M10x1	25062-1
		M8x1	25062-3
		5/16-24 UNF	25062-5
Manual Lubricator Right Hand Outlet	L13-R	M10x1	25181-1
		M8x1	25181-3
		5/16-24 UNF	25181-5
Manual Lubricator Dual Outlets (Left and Right Sides)	L13-D	M10x1	25211-1
		M8x1	25211-3
		5/16-24 UNF	25211-5

When ordering, specify description, symbol and part number, such as: Manual Lubricator, L13-L, Left Hand Outlet with M10x1 Outlet Thread Connection, Part #25062-1.

#### BIJUR DELIMON INTERNATIONAL

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### Service Parts

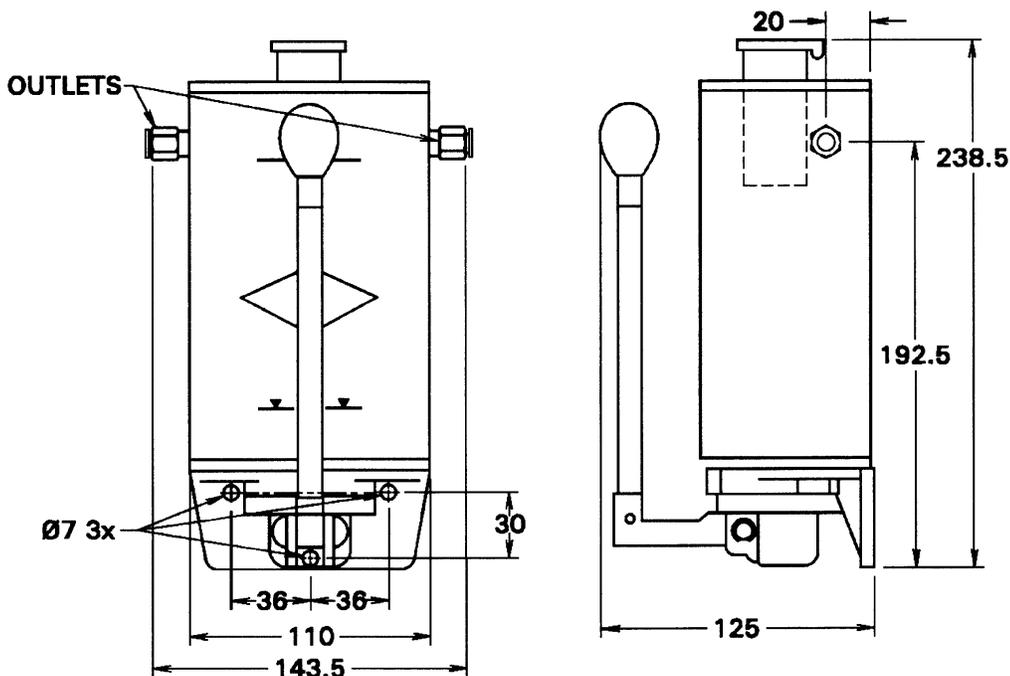
Compression fittings for making tubing connections to various outlet threads. Order by part number and description.

Part #	Description
25093-1	1 liter reservoir for L13-L lubricator
25093-2	1 liter reservoir for L13-R lubricator
25093-5	1 liter Reservoir for L13-D lubricator
30033	Oil inlet screen basket
22545	Compression bushing, M10x1, 6mm tube
15326C	Compression bushing, M8x1, 4mm tube
B3783	Compression bushing, 5/16-24 UNF, 4mm tube
22645	Closure plug, M10x1
22561	Closure plug, M8x1
B3784	Closure plug, 5/16-24 UNF
B2520C	Compression sleeve, 6mm tube
B8272	Compression sleeve, 4mm tube
22585-2	Insert for nylon tube (6mm O.D.; 4mm I.D.)

### Dimensional Schematic

#### Dual Outlet Model (L13-D)

Measurements shown in millimeters.



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