

PulseFire Lubricator

Hydraulic Piston Pump



General

The PulseFire lubricator is a hydraulically operated, spring return, piston pump. It is operated from the hydraulics of the host machine, and is typically plumbed into the line of a hydraulic actuator which is operated regularly on the machine. On each cycle of the hydraulic actuator, the oiler will dispense the quantity of lubricant stored by the stroke of the pump. The stroke may be adjusted from a maximum delivery of 15cc down to 0cc. A graduated, brass screw is provided to enable a quick user-friendly adjustment. The lubricant is drawn into the oiler from a separate reservoir by the suction generated on the return stroke of the pump. The oiler is equipped with 8 outlet ports, offering the user precise metering of the oil to 8 lubrication points, when used in conjunction with metering units of the 60886 family. Unused outlet ports simply remain plugged. Unit is compact but extremely robust as it has steel construction capable of withstanding all types of external, harsh environments. It is particular suited to agricultural equipment, where in conjunction with metering units and brushes, is the ideal choice for lubricating drive chains.

Features

- + Compact rugged design
- + Minimal maintenance required
- + Multiple outlets, 1-8
- + Mounted horizontally or vertically
- + Reservoir mounted remotely

Technical Data

Pump Type	Piston, single acting, spring return	
Operation	Hydraulic	
Minimum Hydraulic Pressure	870 psi (60 bar)	
Maximum Hydraulic Pressure	2900 psi (200 bar)	
Max Delivery /Stroke	15cc	
Stroke Adjustment	0 - 15cc	
Max / Min Number of Outlets	8 / 1	
Viscosity	20-1500 cSt	
Porting	Hydraulic Inlet	G1/8"
	Lubricant Inlet	G1/8"
	Lubricant Outlets	M8X1
Materials	Main Body	Steel, Zinc-Plated
	Stroke Adjustment Screw	Brass
	Lube Inlet Tube Fitting	Nickel Plated Brass
	Outlet Port Plugs	Brass
	Outlet Metering Units	Brass
	Seals	Viton



Refer to the following datasheets:

+ Operator Manual #35949:
PulseFire Lubricator

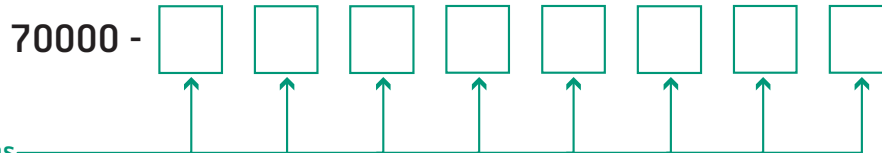
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Morrisville, NC 27560

How To Order



Port Options

- 0- Plugged
- 1- AJV-1
- 3- AJV-3
- 5- AJV-5

Ordering example: 70000-05350000 means Ports 1, 5, 6, 7 & 8 plugged, AJV-5's fitted to Ports 2 and 4 & AJV-3 fitted to Port 3.

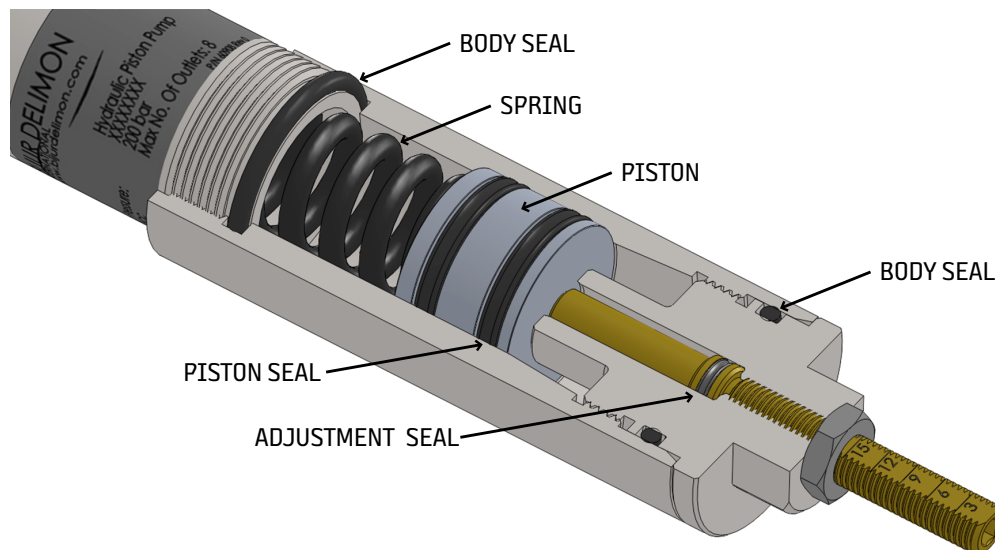
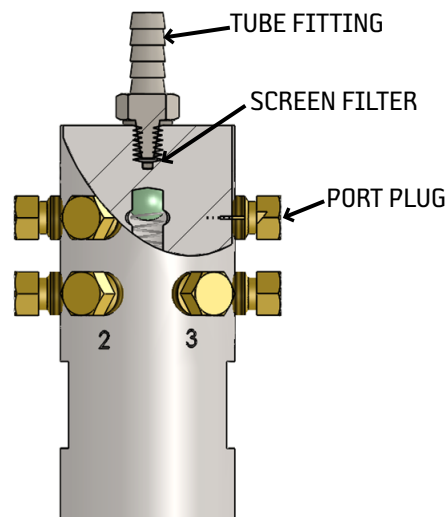
Note:

+ Former P.N. 70000 replaced by
P.N. 70000-00000000

Service Parts

Item	Description	Part #	Qty.
1	Tube Fitting	60885	1
2	Screen Filter	60915	1
3	Port Plug	15322	1-8
4	Seal Kit ¹	70080	1
5	Maintenance Kit ²	70066	1

¹ Includes Piston Seal(x2), Adj. Seal & Body Seal (x2)
² Includes Seal kit, Piston & Spring



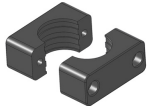
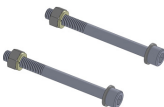
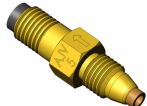
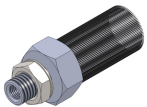
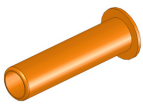
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Accessories

	DESCRIPTION	PART #
	Pair of Mounting Brackets	70052
	Mounting Fastener Kit -for screwing into tapped hole	70074
	Mounting Fastener Kit -for securing with nut and washer	70075
	Meter Units	
	Size 5 (standard)	60886-5
	Size 3 (less flow)	60886-3
	Size 1 (least flow)	60886-1
	Reservoir PP 2 Quart c/w Vented Cap	60884-1
	Brush Nylon, c/w Lock Washer & Nut	67324C0
	Compression Sleeve	B8272
	Tubing Insert for 4mm Tubing	19268
	Compression Nut for Meter Unit	15327
	Compression Bushing for Brush	15328
	Hose Clip for 9.5mm Tubing	70027
	4mm O.D. Nylon Tubing (From pump to brush)	5N25
	9.5mm O.D. PVC Tubing (From reservoir to pump)	60996



PulseFire layout with reservoir & brushes.

Hydraulic Hose Kits also available to suit OEM requirements. Kits include:

- + Hydraulic Hose
- + Swaged Hose Ends
- + Inlet Port Hydraulic Adaptor

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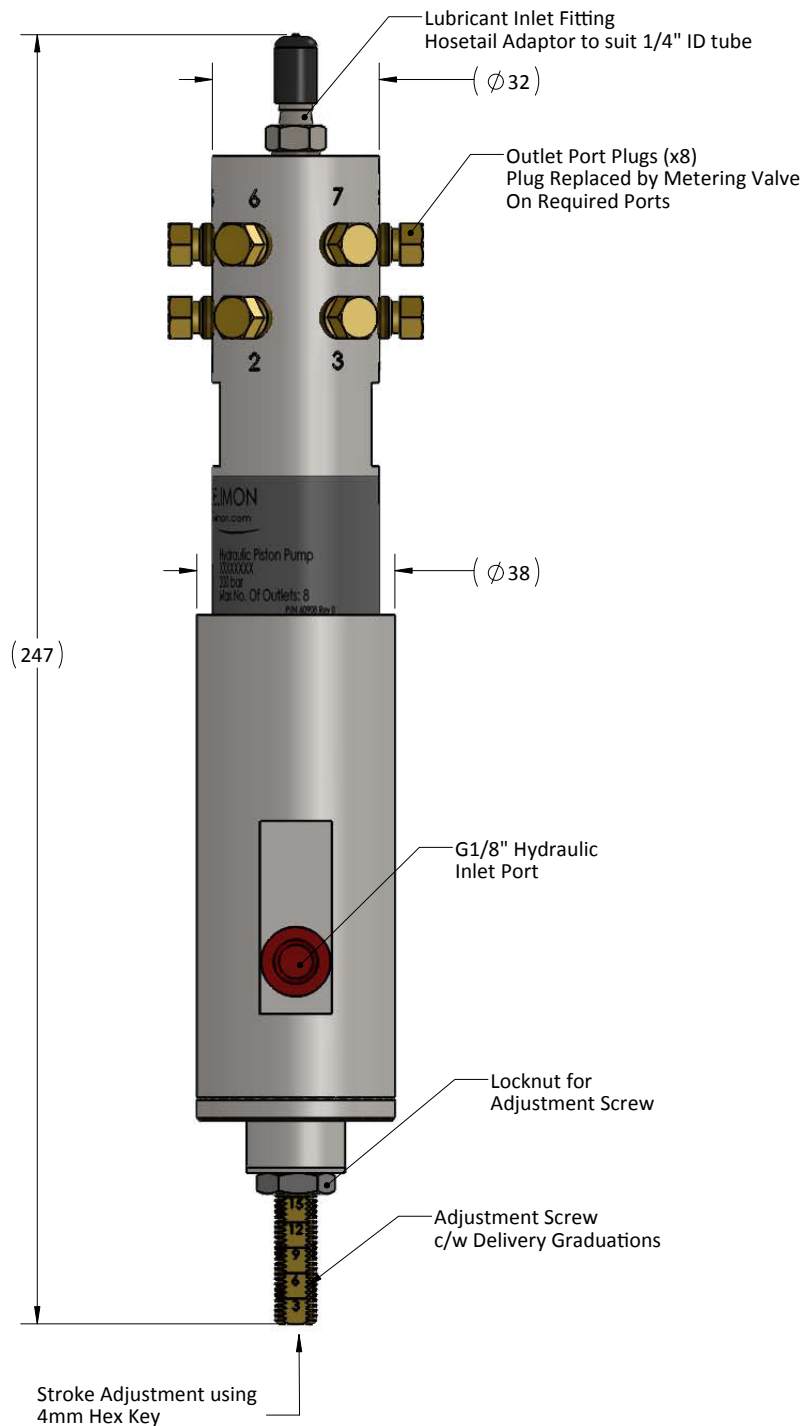
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Dimensional Schematics

Measurements shown in millimeters.



Outlet Port Notes:

- + Ports are numbered from left to right:
- Top Row, outlet #'s: 5-8
- Bottom Row, outlet #'s: 1-4

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