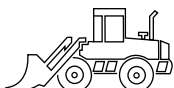


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FOOT OPERATED GREASE PUMP

NEW!

FOP-10



CONSTRUCTION



AUTOMOTIVE



AGRICULTURE



MINING

High Pressure Portable Grease Pump for quick effortless greasing in everyday lubrication such as greasing of excavators & other earth moving equipment, agricultural equipment, automotive etc.

Hands free operation

Pump operates using the Foot Lever, which greatly reduces effort & allows high pressure greasing with highest comfort

Can be operated by hand when under low machinery

Economical

Pump is operated by a single person & uses low cost bulk grease

Designed with all moving parts submerged in the same grease which needs to be pumped, thereby staying lubricated at all times

Moving parts create wave action in grease, auto removing air pockets & eliminating the use of a follower plate

Pump delivers 2 gms of grease per stroke & develops upto 8,700 PSI (600 BAR)

Works with NLGI 1 & 2 Greases

Lift handle

Steel Drum Cover

Steel Bucket with 10 kg (22 lbs.) capacity

Nozzle Holder

Pistol handle fitted with Steel Grease Extension & heavy duty coupler

Includes 2m x 1/4" ID high pressure rubber hose

Foot Lever

Rubber Pads

DELIVERS

Upto 2 gms / stroke
Upto 1 oz. / 15 strokes



8,700 PSI
(600 BAR)

CAT. NR.	ORD. NR.	BUCKET CAPACITY
◆ FOP/10A	44255	10 kgs (22 lbs.)

Key ◆ New

NOTE

Pump is 100% pressure tested using non food grade grease. New pumps would have some test grease inside, confirming that the pump has been factory tested



High Pressure Foot Operated Grease Pump

FOP-10

Congratulations on purchase of this World Class High Pressure Foot Operated Pump !

- High Pressure Portable Grease Pump for quick effortless greasing in everyday lubrication such as greasing of excavators & other earth moving equipment, automotive & agricultural equipment etc.
- Hands free operation; pump operates using the Foot Lever, which greatly reduces effort & allows high pressure greasing with highest comfort
- Can be operated by hand when under low machinery
- Economical, pump is operated by a single person & uses low cost bulk grease
- Designed with all moving parts submerged in the same grease which needs to be pumped, thereby staying lubricated at all times
- Moving parts create wave action in grease, auto removing air pockets & eliminating the use of a Follower plate



PARTS DESCRIPTION

REFERENCE NUMBER	DESCRIPTION	QUANTITY
1	Pump Bucket	1
2	High Pressure Rubber Hose	1
3	Pistol Handle with Steel Extension & Professional Coupler	1
4	Steel Drum Cover	1
5	Pistol Handle	1

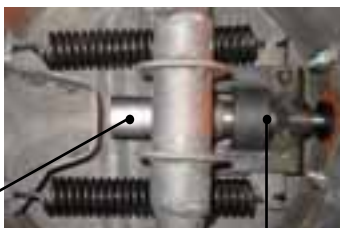
SPECIFICATIONS

Discharge Rate	Up to 2 gm per stroke (1 oz. per 14 strokes)
Pump Mechanism	Foot Operated
Delivery Pressure	8700 PSI (600 BAR)
Bucket Capacity	10 Kg (22 lb)
Delivery Hose	2m X 1/4" I.D
Delivery Nozzle	Pistol Handle

WORKING OF PUMP

The pump has a spring loaded wave action mechanism installed at the bottom of the bucket.

Pressing the foot lever makes a cylinder to move forward leaving empty space behind it. The grease due to its weight fills this empty space.



Cylinder in open position

Spring Loaded Mechanism

On releasing the foot lever, the cylinder returns to its original position pushing the accumulated grease into a hollow piston that throws the grease from the pump outlet into delivery hose.



Cylinder in closed position

Hollow Piston

Subsequent strokes of the foot lever fill the delivery hose & discharge begins from the pistol handle.

PRIMING THE PUMP

Priming is getting the pump started by operating foot lever for 3-4 minutes until grease gets dispensed from the the pistol handle.

Always PRIME the pump when using it for the FIRST time.

When working in cold weather or using a thicker grease, keep grease thin for easy workability in one of the following ways:

- **Mix some oil (SAE30) with grease. Shake the bucket & press the mixture thoroughly to remove any air pockets**
- **Heat grease bucket with a Barrel Warmer or Heating Jacket. The temperature should be kept at 0 - 30°C (32 - 86°F)**

OPERATION & USE

1. Fill correct grade grease into the pump bucket.
2. Tamp the bucket on a firm surface to push the grease to displace air pockets trapped in the cavities in the base of the bucket.
3. Operate the pump by pressing the foot lever a few times until delivery commences.
4. Now the pump is ready for dispensing. When not in use, the pistol handle can be put into the nozzle holder provided at the side of the foot lever.

WETTED COMPONENTS

Steel, Nitrile Rubber

RECOMMENDED USE

With NLGI 1 & 2 Greases

PRECAUTIONS


- Keep work area clean and remove any excess grease from tools, hands, and clothing after use
- The user may need to warm grease in cold weather. NEVER overheat grease as it may lose its lubricating properties



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