

CENTRAL HYDRAULICS INC.

•Daytona Beach •Cocoa •Leesburg •Ocala •Tampa 1-800-264-9571

Oil and Grease Pumps

Oil Pump Specification

Fire-Ball 300, 5:1 Air-Operated Piston Pump

| | |
|------------------------------------|---------------------------------------|
| Cycles/gallon(cycles/liter)..... | 28.4(8.6) |
| Fluid flow @ 80cpm(gpm/lpm)..... | 2.8(9.3) |
| Maximum fluid pressure..... | 900psi (62 bar, 6.2 MPa) |
| Air motor effective diameter..... | 3in(76.2mm) |
| Air operating range..... | 40-180 psi 2.8-12 bar (0.28-1.2 MPa) |
| Approx. air consumption and..... | 27 scfm @ 3gpm |
| fluid flow @ 100psi air and 80 cpm | (0.765m ³ /min @ 115 lpm) |
| Wetted materials..... | Steel, polyurethane, aluminum, buna-N |
| Air inlet port size..... | 3/8npt(f) |
| Fluid inlet port size..... | 1-1/2 npt(f) |
| Fluid outlet port size..... | 1/2 npt(f) |
| Instruction manual..... | 309869 |

Typical Fluids Handled

*Grease up to NGLI #2

Grease Pump Specification

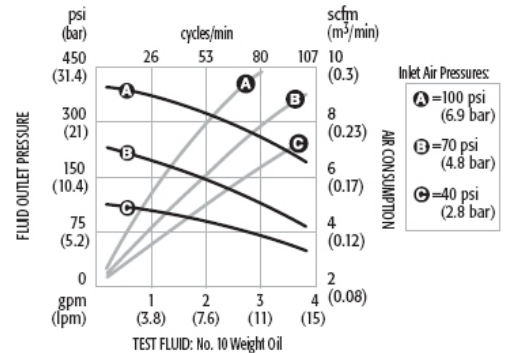
Fire-Ball 300, 50:1 Air-Operated Piston Pump

| | |
|--|----------------------------------|
| Maximum Fluid Pressure..... | 8400psi (580 bar) |
| Air motor effective diameter..... | 3in (76.2mm) |
| Operating range..... | 30-140psi (3.0-9.7 bar) |
| Continuous duty flow rate..... | 1.19lb/min |
| Approx. air consumption @100psi (7 bar)..... | 22.8cfm |
| Air inlet..... | 3/8 npt(f) |
| Material outlet..... | 1/4 npt(f) |
| Material inlet..... | slotted |
| Wetted Parts..... | CS, Delrin, Buna-N, Polyurethane |
| Instruction Manual..... | 300883 |

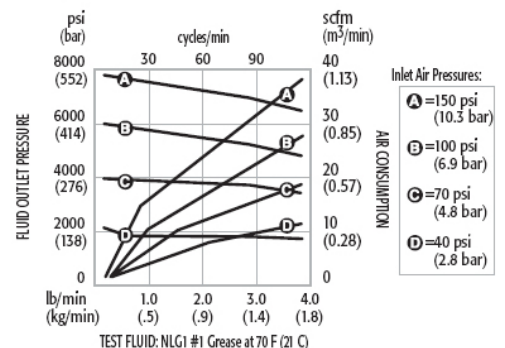
Typical Fluids Handled

*Petroleum and synthetic based oils

Pump Performance



Pump Performance



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Pump for Oil/ATF/Gear Lube

Key Applications
Fluid oil transfer to multiple metered dispense points.

Key Materials

- Motor oil
- Synthetic oil
- Hydraulic oil
- Gear oil
- ATF

Recommended For

- Service Shops
- Construction Equip. Maintenance
- Service Shops
- Fast Lubes
- Fleet

5:1 55gal or 275gal Bung Mounted

Air operated from 40psi to 180psi



Perfect for high pressure fluid oil transfer in medium volume applications! This pump has been the 'crown jewel' of Graco since the 1950's and is the pump of choice in the most demanding environments.

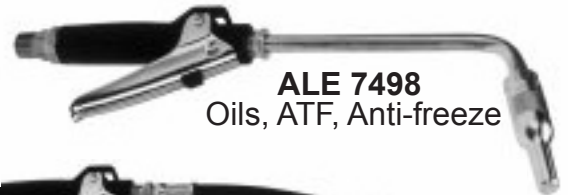
Features and Benefits

- Corrosion-resistant design utilizes liquid salt nitriding, nickel plating, stainless steel, aluminum and chrome on key components for longer life.
- Few moving parts in the air motor assembly means less downtime and low repair cost.
- Displacement rods have minimal wear due to a proprietary Graco manufacturing process.
- Large air porting design provides efficient use of compressed air supply for continuous pump operation without icing.
- Thick cast aluminum air motor housing offers unmatched durability.

Non-Metered Valves



ALE 7492
Gear Oil



ALE 7498
Oils, ATF, Anti-freeze



ALE 7498-A
Oils, ATF, Anti-freeze



8078-D



Hose Reels

with 1/2" x 50FT
Fluid Hose Assy.

Metered Valves



ALE 3685-F
Mechanical



3670-B
Digital

| * = included in package | Bung-Mounted pkg. | Bung-Mounted pkg. |
|------------------------------------|----------------------------|-------------------|
| Container Size | 55gal | 275gal |
| Package No. | 225640* | 225931* |
| Pump | 204254* | 222087 |
| Dispense/Hose Fitting Kit | 222063* | 222063 |
| Fluid Hose | 6ft x 1/2in* | 6ft x 1/2in |
| Air Hose | 6ft x 3/8in* | 6ft x 3/8in |
| Air Regulator(<i>with gauge</i>) | 109075 (<i>optional</i>) | 109075 |
| Bung Adapter | 222308* | 222308 |

Fax: 386-257-5728 Tele. 1-800-264-9571 sales@centralhydraulics.com www.centralhydraulics.com

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Stub Pump for bulk oil

5:1 Air Operated from 40psi to 180psi

Key Applications

Fluid oil transfer to multiple metered dispense points.

Key Materials

- Motor oil
- Synthetic oil
- Hydraulic oil
- Gear oil
- ATF

Recommended For

- Service Shops
- Construction Equip. Maintenance
- Service Shops
- Fast Lubes
- Fleet

Perfect for high pressure fluid oil transfer in medium volume applications! This pump has been the 'crown jewel' of **Graco** since the 1950's and is the pump of choice in the most demanding environments.

Features and Benefits

- Corrosion-resistant design utilizes liquid salt nitriding, nickel plating, stainless steel, aluminum and chrome on key components for longer life.
- Few moving parts in the air motor assembly means less downtime and low repair cost.
- Displacement rods have minimal wear due to a proprietary Graco manufacturing process.
- Large air porting design provides efficient use of compressed air supply for continuous pump operation without icing.
- Thick cast aluminum air motor housing offers unmatched durability.



Stub Pump
203876 Fire-Ball 300,
5:1 pump universal

Suction Adapters

SVF HB150X100 1-1/2" to 1"
Bushing

LIN DTBUSHING Tank bushing
for telescoping tube

TUT 100KTG-8127 Telescoping
suction tube

Optional Accessories

109075 3/8" Air regulator/gauge

222308 2" bung adapter



with 1/2" x 50FT
Fluid Hose Assy.



Metered Valves

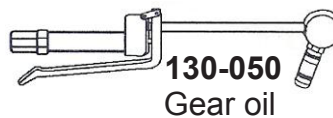


238461
Digital



3685-F
Mechanical

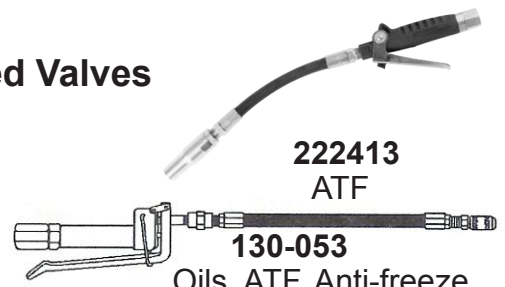
Non-Metered Valves



130-050
Gear oil



130-051
Gear oil



222413
ATF
130-053
Oils, ATF, Anti-freeze



130-052
Oils, ATF, Anti-freeze

CENTRAL HYDRAULICS INC.

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Pump for Grease (35lbs)

50:1 For 5 Gallon (35lbs) Container

Air operated from 30psi to 140psi

Key Applications

High-pressure
grease dispense

Key Materials

- NLGI #00 Grease
- NLGI #0 Grease
- NLGI #1 Grease
- NLGI #2 Grease

Recommended For

- Service Shops
- Construction Equip. Maintenance
- Service Shops
- Automotive Dealerships
- Fast Lubes
- Fleet



Perfect for high pressure grease dispense!

Graco's Fire-Ball pumps are built to last. For almost 50 years the Fire-Ball 300, 50:1 ratio has been a mainstay in the lubrication marketplace for its durability and long life. A package including a trusty Fire-Ball is sure to last!

Features and Benefits

- Corrosion-resistant design utilizes liquid salt nitriding, nickel plating, stainless steel, aluminum and chrome on key components for longer life.
- Few moving parts in the air motor assembly means less downtime and low repair cost.
- Displacement rods have minimal wear due to a proprietary Graco manufacturing process.
- Large air porting design provides efficient use of compressed air supply for continuous pump operation without icing.
- Thick cast aluminum air motor housing offers unmatched durability.

| | |
|-----------------------------|---------------|
| Container Size 35lbs | |
| Package No. | 222069* |
| Pump No. | 239877* |
| Dispense Kits | 222070* |
| Fluid Hose | 12ft x 1.4in* |
| Control Handle | 242056* |
| Z Swivel | 202577* |
| Follower Plate | 220653* |
| Cover | 222059* |

* = included in package

| | |
|-----------------------------|--------|
| Optional Accessories | |
| Air regulator with gauge | 109075 |
| Flex Hose for gun | 5812 |
| Hose Reel | 8078-B |

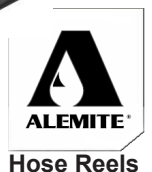


Regulator & Gauge
109075



8078-B

with 1/4" x 50ft Grease
Hose Assy.



Hose Reels

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Pump for Grease (120lbs)

50:1 For 120lb Containers

Air operated from 30psi to 140psi

Key Applications

High-pressure
grease dispense

Key Materials

- NLGI #00 Grease
- NLGI #0 Grease
- NLGI #1 Grease
- NLGI #2 Grease

Recommended For

- Service Shops
- Construction Equip. Maintenance
- Service Shops
- Automotive Dealerships
- Fast Lubes
- Fleet



Perfect for high pressure grease dispense!

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Features and Benefits

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- Few moving parts in the air motor assembly means less downtime and low repair cost.
- Displacement rods have minimal wear due to a proprietary Graco manufacturing process.
- Large air porting design provides efficient use of compressed air supply for continuous pump operation without icing.
- Thick cast aluminum air motor housing offers unmatched durability.

| | |
|-----------------------|--------------|
| Container Size 120lbs | |
| Package No. | 225014* |
| Pump No. | 239887* |
| Dispense Kits | 222072* |
| Fluid Hose | 6ft x 1/4in* |
| Air Hose | 6ft x 3/8in* |
| Follower Plate | 220654* |
| Cover | 204574* |

* = included in package

| | |
|--------------------------|--------|
| Optional Accessories | |
| Air regulator with gauge | 109075 |
| Flex Hose for gun | 5812 |
| Control Handle | 242056 |
| Z Swivel | 202577 |
| Hose Reel | 8078-B |

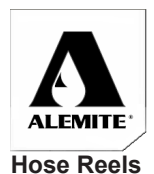


Pro Shot Grease Gun
242056

Regulator & Gauge
109075

Z Swivel
202577

8078-B



with 1/4" x 50ft Grease
Hose Assy.

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Pump for Grease(400lbs)

50:1 For 400lb Containers

Air operated from 30psi to 140psi

Key Applications

High-pressure grease dispense

Key Materials

- NLGI #00 Grease
- NLGI #0 Grease
- NLGI #1 Grease
- NLGI #2 Grease

Recommended For

- Service Shops
- Construction Equip. Maintenance
- Service Shops
- Automotive Dealerships
- Fast Lubes
- Fleet



Perfect for high pressure grease dispense!

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Features and Benefits

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- Displacement rods have minimal wear due to a proprietary Graco manufacturing process.
- Large air porting design provides efficient use of compressed air supply for continuous pump operation without icing.
- Thick cast aluminum air motor housing offers unmatched durability.

| | |
|------------------------------|---------------|
| Container Size 400lbs | |
| Package No. | 225016* |
| Pump No. | 239888* |
| Dispense Kits | 222072* |
| Fluid Hose | 6ft x 1/4 in" |
| Air Hose | 6ft x 3/8 in" |
| Follower Plate | 223845* |
| Cover | 200326* |

* = included in package

| | |
|-----------------------------|--------|
| Optional Accessories | |
| Air regulator with gauge | 109075 |
| Flex Hose for gun | 5812 |
| Control Handle | 242056 |
| Z Swivel | 202577 |
| Hose Reel | 8078-B |



Pro Shot Grease Gun
242056



Regulator & Gauge
109075



Z Swivel
202577



8078-B



Hose Reels

with 1/4" x 50ft Grease Hose Assy.