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› GRYVOZE Pneumatic Oil Gun Dispenser (Model OILN03) Instruction Manual

GRYVOZE OILN03

GRYVOZE Pneumatic Oil Gun Dispenser

Model: OILN03

1. PRODUCT OVERVIEW

The GRYVOZE Pneumatic Oil Gun Dispenser, Model OILN03, is a heavy-duty air-operated control valve designed for precise and efficient dispensing of various fluids. Its robust construction and user-friendly features make it suitable for a wide range of industrial and maintenance applications.

Key features include a drip prevention design, a flexible hose with a 90-degree oil outlet for convenient refueling in tight spaces, and an ergonomic handle with shockproof protection. The dispenser also incorporates an inlet filter to prevent impurities and a 360-degree rotating inlet for easy hose connections.

MAJOR ADVANTAGES

Robust, Multi-Purpose, and User-Friendly Design

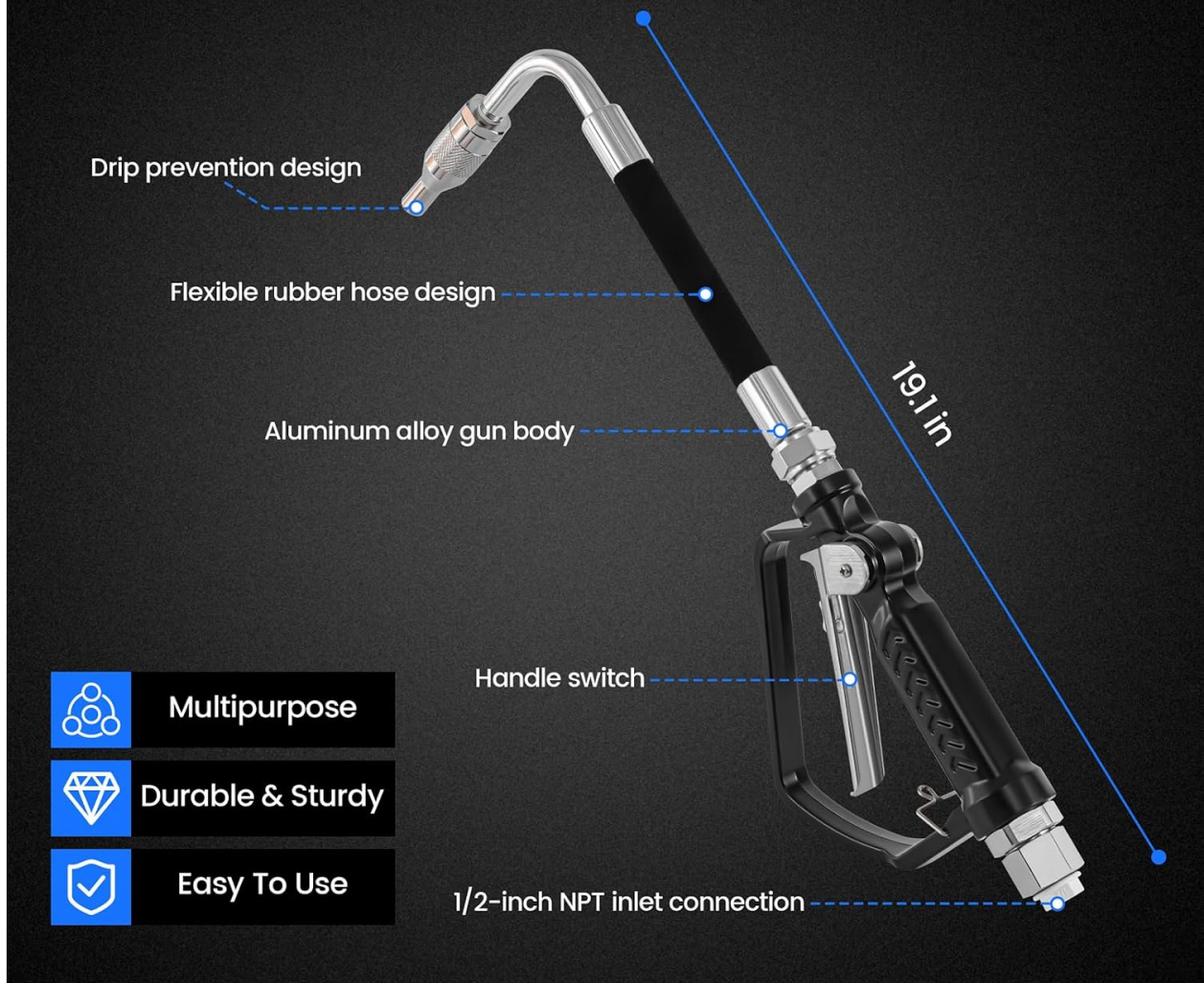


Image 1.1: Overview of the GRYVOZE Pneumatic Oil Gun Dispenser, highlighting its robust design, flexible hose, and 1/2-inch NPT inlet connection.

2. SAFETY INFORMATION

Always read and understand all instructions before operating this device. Failure to follow safety guidelines may result in injury or damage to the equipment.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when handling fluids and operating the dispenser.
- Ensure the air supply is disconnected before performing any maintenance or assembly.
- Do not exceed the maximum operating pressure of 1500 PSI.
- Use only with compatible fluids as specified in the 'Specifications' section. Do not use with gasoline, water, alcohol, or corrosive chemicals.
- Keep the work area clean and well-lit.
- Keep children and unauthorized personnel away from the operating area.

3. SETUP AND ASSEMBLY

The GRYVOZE Pneumatic Oil Gun Dispenser is designed for straightforward setup. Follow these steps for initial assembly and connection:

1. **Unpack Components:** Carefully remove all items from the packaging. Verify that all included components are present: 1 x Oil Control Valve, 1 x PTFE Tape, 1 x Oil-absorbing Cloth.
2. **Connect Air Supply Hose:** Attach your air supply hose to the 1/2-inch NPT inlet connection at the base of the dispenser handle. Use the provided PTFE tape on the threads to ensure a secure, leak-free seal. The 360-degree rotating inlet allows for flexible hose positioning.
3. **Connect Fluid Supply:** Ensure your fluid supply system (e.g., pump, tank) is ready for connection to the dispenser.
4. **Inspect Inlet Filter:** The dispenser includes an internal inlet filter to block impurities. Periodically inspect and clean this filter to maintain optimal performance.



Image 3.1: Details of the oil inlet with strainer and the 360-degree rotatable 1/2-inch NPT inlet connection.

4. OPERATING INSTRUCTIONS

Operating the GRYVOZE Pneumatic Oil Gun Dispenser is designed for convenience and precision.

1. **Prepare for Dispensing:** Ensure the dispenser is securely connected to both the air and fluid supply.

Position the 90-degree oil nozzle over the target receptacle. The flexible hose can be bent to fit tight spaces.

2. **Initiate Flow:** Squeeze the ergonomic handle to begin dispensing fluid. The anti-drip design helps prevent spills.
3. **Hands-Free Operation (Optional):** For extended dispensing, engage the manual locking switch on the handle. This will maintain a steady oil flow without continuous pressure on the trigger.
4. **Stop Flow:** Release the handle to stop the fluid flow. If the locking switch was engaged, disengage it first.
5. **Post-Operation:** After use, ensure the fluid supply is closed and disconnect the air supply.



Image 4.1: Ergonomic handle with locking switch for comfortable and hands-free operation.

DURABLE AND STURDY DESIGN

Ideal for Controlled Oil Application in Tight Spots or Awkward Angles.



Image 4.2: Features for convenient operation, including drip prevention and a flexible 90-degree nozzle.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your GRYVOZE Pneumatic Oil Gun Dispenser.

- **Cleaning:** After each use, wipe down the exterior of the dispenser with the provided oil-absorbing cloth or a clean rag to remove any fluid residue.
- **Inlet Filter Inspection:** Periodically check the inlet filter for any accumulated debris. If clogged, carefully remove and clean it to ensure unrestricted fluid flow.
- **Storage:** Store the dispenser in a clean, dry environment away from extreme temperatures and direct sunlight.
- **Hose and Connection Check:** Regularly inspect the flexible hose and all connections for signs of wear, damage, or leaks. Replace any worn components immediately.

6. TROUBLESHOOTING

If you encounter issues with your oil gun dispenser, refer to the following common troubleshooting steps:

- **No Fluid Flow:**

- Check if the air supply is connected and active.
- Ensure the fluid supply is open and there is sufficient fluid.
- Inspect the inlet filter for clogs and clean if necessary.
- Verify that the trigger is fully depressed or the locking switch is engaged.

- **Leaking from Connections:**

- Tighten all connections.
- Ensure PTFE tape was properly applied to threaded connections.
- Inspect O-rings and seals for damage and replace if needed.

- **Reduced Flow Rate:**

- Check the air pressure; it should be within the recommended operating range.
- Clean the inlet filter.
- Ensure the fluid being dispensed is within the applicable viscosity range.

If problems persist after attempting these steps, please contact GRYVOZE customer support.

7. SPECIFICATIONS

The following table details the technical specifications for the GRYVOZE Pneumatic Oil Gun Dispenser (Model OILN03).

VALVE SPECIFICATIONS

Maximum Flow Rate:

10 GPM / 35 LPM

Max Working Pressure:

1500 PSI / 100 bar

Temp Range:

-10°C to +50°C (14°F to 122°F)

Applicable Oil Viscosity:

8–5000 mPa·s (8–5000 cP)

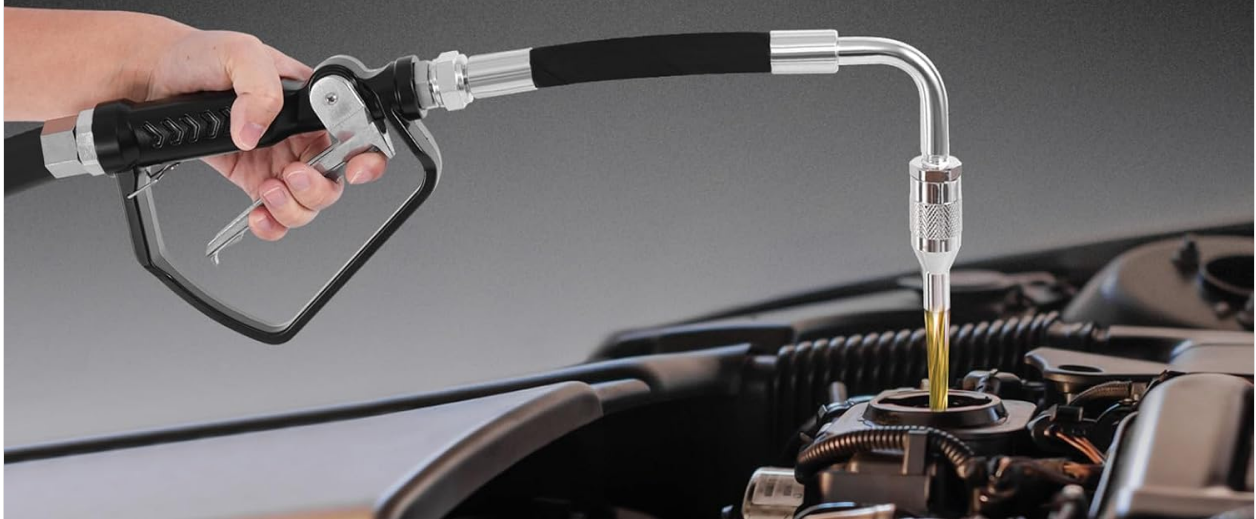


Image 7.1: Visual representation of key valve specifications.

Specification	Value
Brand	GRYVOZE
Model Number	OILN03
Material	Aluminum
Item Dimensions (L x W x H)	18.9 x 6.5 x 1.77 inches
Maximum Operating Pressure	1500 PSI (100 bar)
Thread Size	1/2 inch
Thread Type	NPT
Valve Type	Air Control Valve
Applicable Oil Viscosity	8 to 5000 mPa·s (8-5000 cP)

Specification	Value
Temperature Range	-10°C to +50°C (14°F to 122°F)
Included Components	1 x Oil Control Valve; 1 x PTFE Tape; 1 x Oil-absorbing Cloth
UPC	850072214184

8. APPLICATIONS

The GRYVOZE Pneumatic Oil Gun Dispenser is suitable for a variety of fluids and settings:

- Motor Oil
- Lubricants
- Hydraulic Oil
- Gear Oil
- Transmission Fluid
- Antifreeze

Ideal for use in: Factories, gas stations, auto repair shops, home garages, vehicle maintenance centers, and machinery workshops.

Not for use with: Gasoline, water, alcohol, or corrosive chemicals.

ARRAY OF APPLICATIONS

Our oil control valve is suitable for various industrial and DIY settings, such as auto repair shops, home garages, vehicle maintenance centers, and machinery workshops.

Bestsuitable for

- ☒ Motor Oil
- ☒ Synthetic Hydraulic Oil
- ☒ Gear Oil
- ☒ Transmission Fluid



Image 8.1: Array of applications and compatible fluid types.

9. WARRANTY AND SUPPORT

GRYVOZE products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase or visit the official GRYVOZE website.

Please retain your proof of purchase for warranty claims.