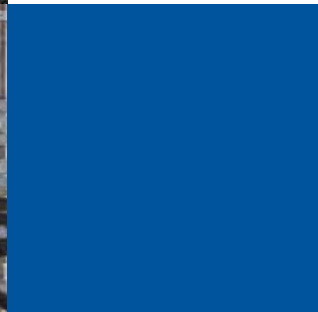




# Vehicle Service Equipment

Solutions for Industrial and Commercial Applications



Construction | Fleets and Transportation | Industrial | Mining | Energy | Agriculture

PROVEN QUALITY. LEADING TECHNOLOGY.

# More Than 90 Years in the Lubrication Business

From the first air-powered grease gun to our industry-leading Fire-Ball® pump, Graco's Lubrication Equipment Division is what started it all. We manufacture equipment to monitor, control, manage and dispense fluids. Offering innovative

equipment for all your vehicle services, industrial and automatic lubrication needs. We offer a full range of high-quality pumps, meters, valves, hose reels and accessories to increase production and reduce waste and downtime.

Graco offers a full line of quality equipment to meet the varying needs of vehicle maintenance and repair. Streamline your workflow and move more lubricants through your shop. We offer reliable, high-quality equipment you can depend on for fuel, diesel, antifreeze, oil and grease. Our versatile fluid inventory control and management systems are designed to

accurately track the use of oil, antifreeze and other automotive fluids at vehicle maintenance facilities, and our lubrication equipment ensures you deliver fluids to the right spot in your shop. From light-duty applications to high-performance concepts designed for heavy-duty jobs, our equipment is known for its rugged, durable and long-life design.

Construction | Fleets and Transportation | Industrial | Mining | Energy | Agriculture



## Graco Offers Solutions For:

### Fluid Management and Control

Use Pulse® Pro or Pulse FC to capture the insight, control and analytics necessary to make faster, smarter decisions – and drive efficiency in the connected modern shop.



### Fluid Reclaim

Drain, extract and transfer used fluids with ease. Choose from our full line of portable antifreeze and oil receivers. For bigger facilities, check out our track receivers for managing large volumes of used fluids.



### Pumps

A complete range of oil, grease, transfer and specialty pumps and packages for efficiently moving fluids and lubricants. Air-operated, hydraulic and electric models available to fit any application.



### Meters and Dispense Valves

Electronic and mechanical meters and valves for dispensing oil, grease and windshield wash.



### Hose and Cord Reels

A complete line of light, standard and heavy-duty hose and cord reels, meeting the demands of manufacturing and field service providers.



# Fluid Management and Control

# Fluid Reclaim

Pulse® Hub



- Single device that generates software and receives wireless communications from Pulse® Dispense Meters, Tank Level Monitors and Pump Air Controllers
- Generates web page to access software via web browser on any PC, phone or tablet
- Easily view and manage dispenses and inventory along with advanced reporting

Pulse® Pro Meter



- Dispenses motor oils, ATF, gear lube, antifreeze and windshield wash
- Manual and preset dispense options
- Built-in RFID for easy user identification
- Large display with intuitive keypad for work order entry
- Flow rates up to 18 gpm (68 lpm)
- 1,500 psi (102 bar)

Pulse® Pro



- Records tank levels automatically with an ultrasonic sensor
- Operates on AA batteries for easy installation
- Works with wide variety of tank shapes up to 30 ft (9.14 m) in height
- 1.5 in and 2 in thread mounting options

Pulse® TLM



- Prevent unauthorized access to fluid inventory
- Pump air supply is shut off automatically after dispense, preventing spills and expensive cleanup should a line break
- Built-in mounting bracket for easy installation
- 3/8 in NPT or BSPP connection

Pulse® PAC

Pulse® FC  
Pulse FC Upgrade Kit



- Control dispenses with pre-filled fluid vouchers
- Simple PC-based software, no wires to install
- Works with mobile roll-around packages and oil bars
- Complete simultaneous dispenses
- SDP8/SDP18 meter required (flow rate up to 18 gpm (68 lpm))

Oil & Coolant King™



- Ideal for automotive dealerships, fast lube centers, service shops, heavy-duty dealerships and fleet service facilities
- Drain, evacuate and transfer used oil reliably and quickly
- Large 25 gal (95 l) capacity with built-in sight gauge
- Convenient tool and filter trays
- Color-specific receiver for easy identification

Oil Ace™



- Ideal for automotive dealerships, fast lube centers, service shops, heavy-duty dealerships and fleet service facilities
- Easy to drain using pressurized shop air
- Large 24 gal (91 l) capacity with attached sight gauge
- Large offset collection pan with screen
- Extract oil directly from vehicle with our evacuation models

# Pumps

Fast-Ball®/Fast-Flo®



- Ideal for lower-volume, short-run transfers
- Maximum recommended flow rate of 4 gpm
- Ratio for oil: 1:1

LD Series™ Pump



- Ideal for low- to medium-volume applications
- Built-in thermal relief to protect product
- Free-flow at 100 psi (6.9 bar): up to 7.8 gpm (30 lpm)\*
- Ratios for oil: 3:1, 5:1
- Ratio for grease: 50:1

Fire-Ball® Pumps



- Ideal for low- to medium-volume applications up to demanding high-volume applications
- In-line, corrosion-resistant design with fewer parts for minimal pump wear and longer pump life
- Free-flow at 100 psi (6.9 bar): up to 28.7 gpm (109 lpm)\*
- Ratios for oil: 3:1, 5:1, 6:1, 10:1
- Ratios for grease: 10:1, 15:1, 50:1, 75:1

GT 750™



- Ideal for challenging, high-volume applications
- Available in 35, 120 and 400 lb down tube lengths
- Free flow rate @ 100 psi (6.9 bar): 32 lbs/min (14.5 kg/min)
- Ratio for grease: 36:1

Dyna-Star®/Power-Star™



- Low- to medium-volume applications
- Flow rate for oil: 3-12 gpm (11-45 lpm)
- Flow rate for grease: 1.1-4 lb/min (0.5-1.8 kg)
- Maximum fluid output pressure: 375-2,300 psi (25.1-159 bar)
- Maximum hydraulic inlet pressure: 600-1,500 psi (41-103.5 bar)
- Pump ratios for oil: 1:1, 1/4:1
- Pump ratios for grease: 2.4:1, 5:1, 10:1

NXT® Supply Systems



- Ideal for bulk transfer – moves fluids fast! 31 gallons of oil or 57 pounds of grease per minute (117 lpm)
- Ratios for oil: 3.5:1, 4.5:1, 6:1, 10:1, 12:1, 23:1
- Ratios for grease: 14:1, 26:1, 29:1, 55:1, 63:1, 68:1

Husky™ Diaphragm Pumps



- Simple, reliable transfer pumps ideal for oil, used oil, windshield wash, antifreeze, fuel and DEF
- Flow Rates: 7-275 gpm (27-1041 lpm)
- Packages designed specifically for pre-mixed windshield wash and DEF application

LD Series™ Blue Pumps



- Dispense DEF solution with choice of electric or manual pump
- Reliable & cost-effective solutions
- 120V or 12V electric options
- Electric: Maximum flow rates up to 9.5 gpm (36.1 lpm)
- Manual: Fast delivery of 11 oz (0.33 l) per stroke

# Meters and Dispense Valves

Grease Dispense Valves



- Designed for daily use in dealerships, fleet service and maintenance facilities
- Non-metered and metered options available
- Multiple adapters available
- Pro Shot™: 1/4 in and 3/8 in inlet options; 8,000 psi (552 bar) working pressure
- Accu-Shot™: 1/4 in inlet; 5,000 psi (345 bar) working pressure

SDV15 and XDV20 Control Valves



- Dispenses motor oils, ATF, gear lube and antifreeze
- Sturdy-cast body designed for use in tough environments
- Lock-on/off trigger
- Indoor or outdoor use
- Multiple extensions available
- 1,500 psi (103 bar)
- Flow rates up to 20 gpm (76 lpm)

SD Series™ Mechanical Meters



- Dispense motor oils, ATF, gear lube and antifreeze
- Manual or preset models
- Indoor and outdoor use
- Multiple extensions available
- 1,500 psi (103 bar)
- Flow rates up to 8 gpm (30 lpm)

LDP5 Meters



- Dispense motor oils, ATF, gear lube and antifreeze
- Preset dispense meter
- Automatic nozzle
- Indoor use
- Multiple extensions available
- 1,000 psi (69 bar)
- Flow rates up to 5 gpm (19 lpm)

EM® Series Meters



- Dispense motor oils, ATF, gear lube and antifreeze
- Manual dispense
- Rugged design to withstand harsh environments
- Indoor or outdoor use – IP69K rated
- Multiple extensions available
- 1,500 psi (102 bar)
- Flow rates up to 20 gpm (76 lpm)

SD Series™ Meters



- Dispenses motor oils, ATF, gear lube and antifreeze
- Manual and preset dispense models
- Four-finger pressure balance trigger for superior comfort and ergonomics
- Multiple extensions available
- 1,500 psi (103 bar)
- Flow rates up to 18 gpm (68 lpm)
- Durable cast aluminum body
- Premium LCD display with easy-to-use operator controls
- Option to display meter name/fluid type on LCD screen

SD Series™ DEF Meter & Valves



- Dispense DEF
- Choose with or without built-in meter
- Easy-to-install inline design
- Break-away system for low-cost repairs
- 50 psi maximum pressure
- Nozzle flow rates up to 12 gpm (45 lpm)
- Meter flow rates up to 26.4 gpm (99 lpm)

SD Series™ DEF Meter & Valves



- Dispense DEF, motor oil, ATF and antifreeze
- Heavy-duty design
- Nozzle features automatic shut-off valve
- Meter: 1,500 psi (103 bar), 1/2 in NPT inlet
- Nozzle: 50 psi (3.4 bar), 3/4 in BSPP inlet
- Nozzle flow rates up to 11 gpm (41 lpm)
- Meter flow rates up to 14 gpm (53 lpm)

# Hose and Cord Reels

Reel Enclosures



- Enclosures provide protection to the reel and enhances the aesthetics of the workshop
- Designed for enclosing the SD and XD pedestal reels
- End caps are easily removed for easy access to reels
- Enclosure-mounting channels available to accommodate one to six reels

SD Series™ Cord and Light Reels



- High-strength steel construction for professional use
- Handles cord lengths up to 95 ft (29 m)
- LED light with optional tool tap receptacle
- Tri-plug GFCI industrial or single industrial receptacle cord reels
- Meets UL355, CSA22.2 No. 21 and IP44 standards

LD Series™



- Designed for small service garages and repair shops
- Handles hose lengths up to 50 ft (15 m) for air/water and 35 ft (11 m) for oil/grease
- Enclosed for safety and protection; extends hose life
- Multiple mounting options, including ceiling/wall, tote, bench or wall-mount post
- Easy spring tension adjustment
- Full-flow swivel maximizes fluid flow with minimal pressure drop

SD 10 / 20 Series™



- Designed for daily use in dealerships and fleet service and maintenance facilities
- Handles hose lengths up to 65 ft (20 m) for air/water and 50 ft (15 m) for oil/grease
- Long-lasting spring provides constant spring torque through the entire range of motion
- Multiple mounting options
- Durable steel spool for demanding applications
- Open swivel ports ensure high fluid flow with minimal pressure loss

XD 10 / 20 / 30 Series™



- Designed for robust, heavy-duty applications
- XD 30 handles hose lengths up to 75 ft (23 m)
- Dual pedestal frame provides increased strength for extreme-duty applications
- Long-lasting spring is sealed for protection against the weather
- Durable steel spool; XD 30 utilizes sealed roller bearings to ensure trouble-free performance

XD 40 / 50 Series™



- Designed for robust, heavy-duty applications
- Handles hose lengths up to 100 ft (30 m)
- Fully ported swivel and shaft for unrestricted flow
- Easy rewind with minimal hose guidance
- Overhead mounting kit available

XD 60 / 70 / 80 Series™ Powered Reels



- Designed for robust, heavy-duty applications with powered rewind
- Handles hose lengths up to 150 ft (46 m)
- Hydraulic, electric and pneumatic direct drive options
- Fully ported swivel and shaft for unrestricted flow
- Industrial-grade paint for high abrasion and corrosion resistance

\*NOTE: Test Fluid: #10 weight oil