

Save Time and Materials with Matrix

Automatic Fluid Management

The Matrix Total Fluid Management System provides automated tracking and monitoring plus state-of-the-art dispensing for complete control of your fluid inventory. Save time, gain billable hours and maximize your fixed operation's profitability with Matrix.

Simple to install and operate!



Automate Your Fluid Dispense:

- Beat the book time and move more vehicles through your shop
- Reduce human error and inventory shrinkage
- Automatically post fluid dispenses to the work order
- Eliminate out-of-stock problems and over-fill tank issues—Matrix automatically emails fluid levels to oil suppliers and oil recyclers
- ADP and Reynolds interfaces provide secure, reliable data transfer between Matrix and the management software
- Works with ADP's Elite 9200, WebSuite® 2006 or higher and Reynolds & Reynolds ERA 6.4 or higher

Saving just a few minutes each day can **add up** to **thousands** of **dollars** in revenue each year.



Ideal for car dealerships, truck dealerships, off-road maintenance shops, including mining and construction, fleet facilities, fast lubes, service shops and in-plant applications

Matrix Total Fluid Management System—choosing the right system is easy!

Get a QUICK-QUOTE!

Just fill in and fax this form to your distributor for a free audit of your fluid management needs



Choose the level of reporting and data you need, from basic to comprehensive. If your requirements change, it's easy to upgrade later.

| MATRIX SOFTWARE INTERFACE | | Quantity |
|---------------------------|---------------------------------|----------|
| 256634 | Premier software CD | |
| 256635 | Professional software CD | |
| 256636 | Basic software CD | |
| 256637 | Premier with ADP Interface | |
| 256638 | Premier with Reynolds Interface | |



Choose a transceiver and the connecting hardware for your shop layout to wirelessly send and receive information from your bulk tanks, pumps and meters.

| TRANSCIVER AND CONNECTION HARDWARE | | Quantity |
|------------------------------------|--|----------|
| 255231 | Transceiver w/universal power adapter* | |
| 255731 | USB/RS422 converter | |
| 15T999 | 15 ft USB cable | |
| 15T998 | 3 ft USB cable | |
| 119572 | RS422 bulk wire (1000 ft rolls) | |

*Minimum one required



One PAC required for each air pump. For safety and increased security, the PAC is a must have to maximize your fluid management system. Designed to supply air to the pump only when Matrix authorizes the dispense.

| PUMP AIR CONTROL (PAC) | | Quantity |
|------------------------|------------------------------|----------|
| 247436 | 93 scfm valve for pump mount | |



Choose one TLM for each bulk fluid tank. Tank readings are automatic for used or new oil and anti-freeze products.

| TANK LEVEL MONITOR (TLM) | | Quantity |
|--------------------------|--------------------|----------|
| 256285 | Tank Level Monitor | |



Decide how many meters per work bay, which fluids you want to dispense and which extension type to use. High flow options are available to move more fluids faster.

| MATRIX ELECTRONIC DISPENSE METER, 5 GPM OR LESS | | Quantity |
|---|---|----------|
| 256282 | 1/2 in npt(f) swivel with rigid extension and standard automatic non-drip quick-close nozzle for oil | |
| 256482 | 1/2 in npt(f) swivel with flexible extension and standard automatic non-drip quick-close nozzle for oil | |
| 256483 | 1/2 in npt(f) swivel with gear lube extension and standard quick-close nozzle | |
| 256484 | 1/2 in npt(f) swivel with rigid extension and standard quick-close nozzle for anti-freeze | |
| 256485 | 1/2 in npt(f) swivel with flexible extension and standard quick-close nozzle for anti-freeze | |

| MATRIX ELECTRONIC DISPENSE METER, 14 GPM OR LESS | | Quantity |
|--|---|----------|
| 256486 | 1/2 in npt(f) swivel with rigid extension, high flow, quick-close nozzle for oil | |
| 256487 | 1/2 in npt(f) swivel with flexible extension, high flow, quick-close nozzle for oil | |
| 256488 | 3/4 in npt(f) swivel with rigid extension, high flow, quick-close nozzle for oil | |
| 257120 | 3/4 in npt(f) swivel with flexible extension, high flow, quick-close nozzle for oil | |

Accessories



Protect the finish of the vehicle you're working on with an inlet swivel cover. Color code your meters to easily identify which fluid you're dispensing.

| INLET SWIVEL COVERS | | Quantity |
|---------------------|--------------------------------------|----------|
| 15T366 | Black cover for 3/4" hose (standard) | |
| 15T367 | Red cover for 3/4" hose | |
| 15T368 | Blue cover for 3/4" hose | |
| 15T369 | Green cover for 3/4" hose | |
| 15T370 | Yellow cover for 3/4" hose | |

| FILTER KITS AND MISCELLANEOUS ACCESSORIES | | Quantity |
|---|---|----------|
| 255885 | Filter kit includes (10) filters/strainers (15M308), (10) spacers (15M309), and (10) O-rings (155332) | |
| 15B750 | Drum cover mount bracket | |
| 249440 | Console bracket | |

| OIL BAR* | | Quantity |
|----------|---|----------|
| 256719 | Oil bar cabinet for Matrix 3; holds up to three Matrix meters | |
| 257539 | Matrix meter for oil bar (no extension or inlet swivel) | |
| 255370 | Oil bar kit for one Matrix meter; includes pipe fittings and nozzle | |

*For a 3-meter oil bar, order the following part numbers and quantities: 256719 (1), 257539 (3), 255370 (3)

| CLEANLINE™ FILTER ASSEMBLIES | | Quantity |
|------------------------------|-------------------------------|----------|
| 248421 | 900 psi (62 bar) tank mount | |
| 248418 | 900 psi (62 bar) wall mount | |
| 248419 | 1800 psi (124 bar) tank mount | |
| 248417 | 1800 psi (124 bar) wall mount | |

| CLEANLINE ASSEMBLY REPLACEMENT FILTERS | | Quantity |
|--|-----------------------------------|----------|
| 15D702 | 900 psi (62 bar) screw-on filter | |
| 119278 | 1800 psi (124 bar) filter element | |

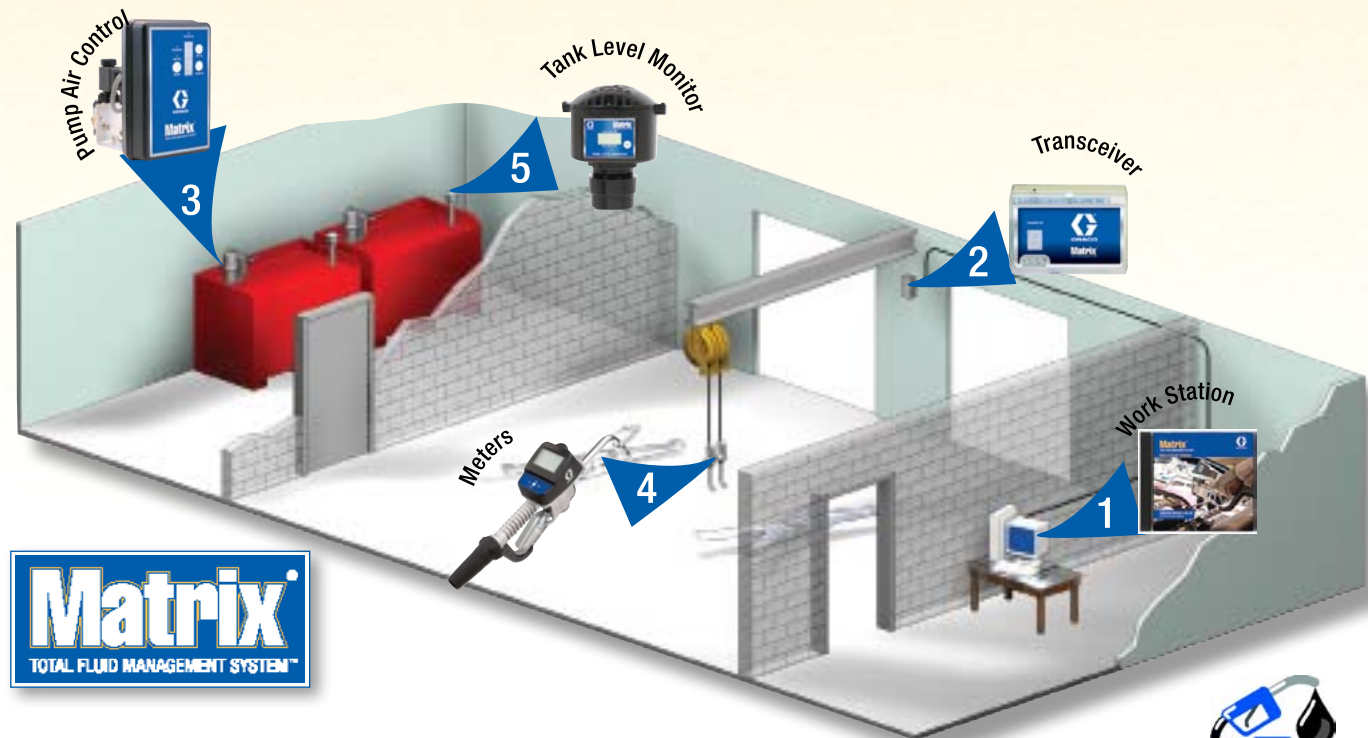
Potential material and labor savings in just one year!

| TYPICAL AUTOMOTIVE DEALERSHIP SHRINKAGE | | LABOR SAVINGS WITH MATRIX SYSTEM | |
|---|-------------|-------------------------------------|----------|
| Price of oil (per gallon) | \$8 X | Weekly Savings (inventory tracking) | 5 hours |
| Gallons used (per year) | 15,000 = | Shop Rate per hour | \$95 |
| Total oil cost (per year) | \$120,000 X | Total labor cost (per week) | \$475 |
| Typical Inventory loss | 10% = | Weeks (per year) | 52 |
| Total Inventory savings per year | \$12,000 | Total labor savings | \$24,700 |

POSSIBLE ANNUAL SAVINGS WITH MATRIX = \$36,700.00

*Example shown in gallons and U.S. dollars

Fluid dispense and **inventory control** at your **fingertips** for petroleum, synthetic oil products and anti-freeze mixtures



5 Steps to Choose Your System

- 1 Select Application Software**
Matrix offers three software platforms using the Matrix meter including Premier, Professional and Basic.
- 2 Include a Transceiver**
Sends and receives information from the meters, Tank Level Monitors and Pump Air Control to the work station.
- 3 Security with the Pump Air Control**
Supplies air to the pump only when Matrix authorizes the dispense.
- 4 Performance of the Matrix Meter**
The Matrix Meter dispenses fluid and communicates dispense information wirelessly to the PC.
- 5 The Time-Saving Tank Level Monitor**
Ultrasonic signal accurately measures fluid levels and communicates to used oil recyclers or bulk fluid suppliers.

Tracking dispenses right to the work order saves time and eliminates lost inventory



Matrix Application Features

| Feature | Basic | Professional | Premier |
|----------------------------------|-------|--------------|---------|
| Maximum Number of Transceivers | 1 | 2 | 8 |
| Maximum Number of Meters | 30 | 100 | 300+ |
| Maximum Number of Tank Monitors | 0 | 12 | 50 |
| Client PC Networking | 0 | 6 | 300 |
| Number of users | 250 | 500 | 1000 |
| Basic Reporting | X | | |
| Comprehensive Reporting | | X | X |
| Tank Level Email | | X | X |
| Third Party Interface Capable | | X | X |
| Track Dispense by Technician | | X | X |
| Track Dispense by Vehicle Number | | | X |
| ADP® Certified Interface | | | X |
| Reynolds® Certified Interface | | | X |

Note: All products have no fluid limit and are oil bar capable.

ABOUT GRACO

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

GRACO LOCATIONS

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SALES/ DISTRIBUTION/ SERVICE

Contact us today!

Send an E-mail to info_APLube@graco.com for product information or visit us at www.graco.com

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Matrix® Total Fluid Management System™

Automated, wireless oil dispense tracking and bulk tank monitoring

