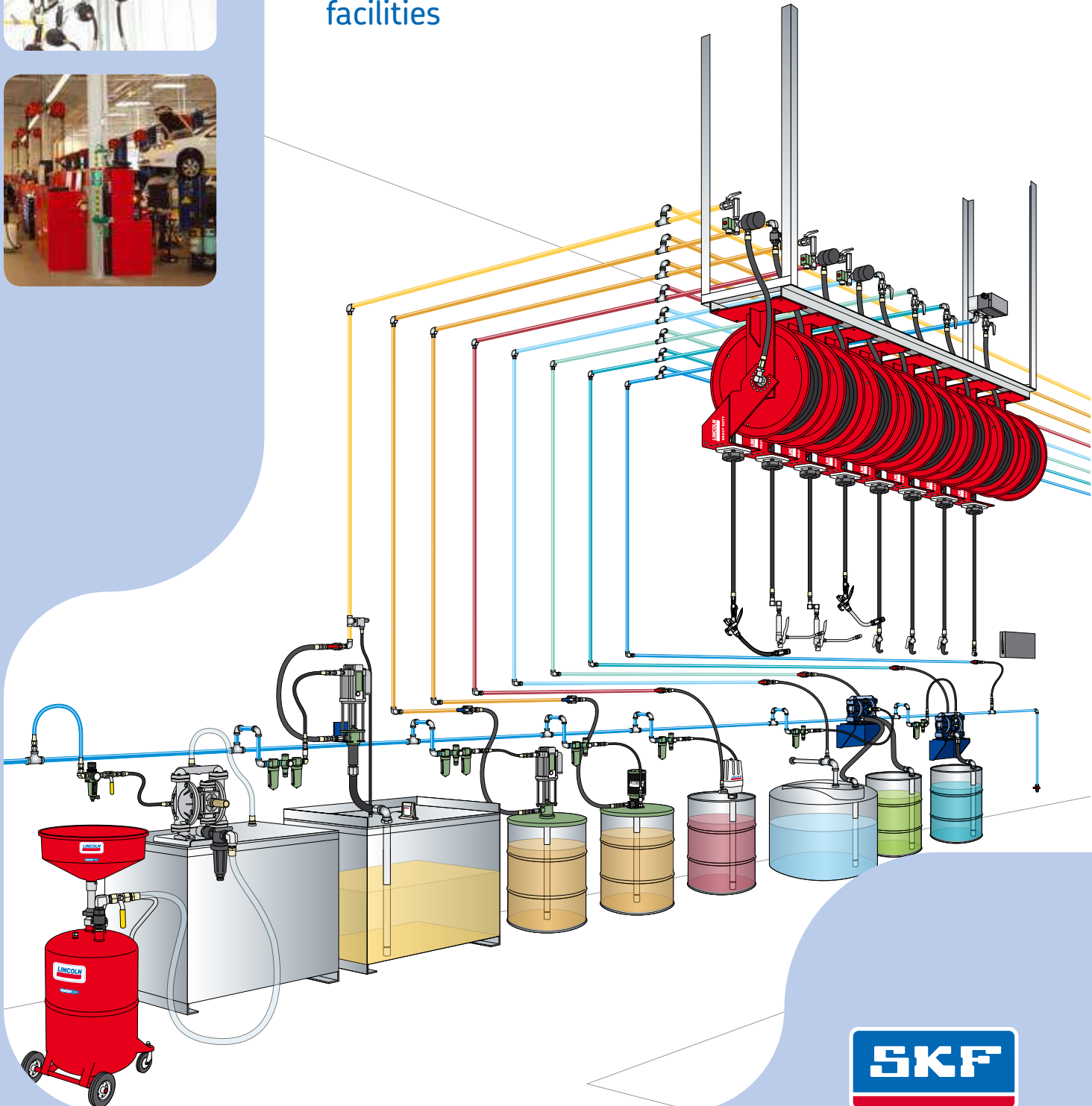


**LINCOLN**

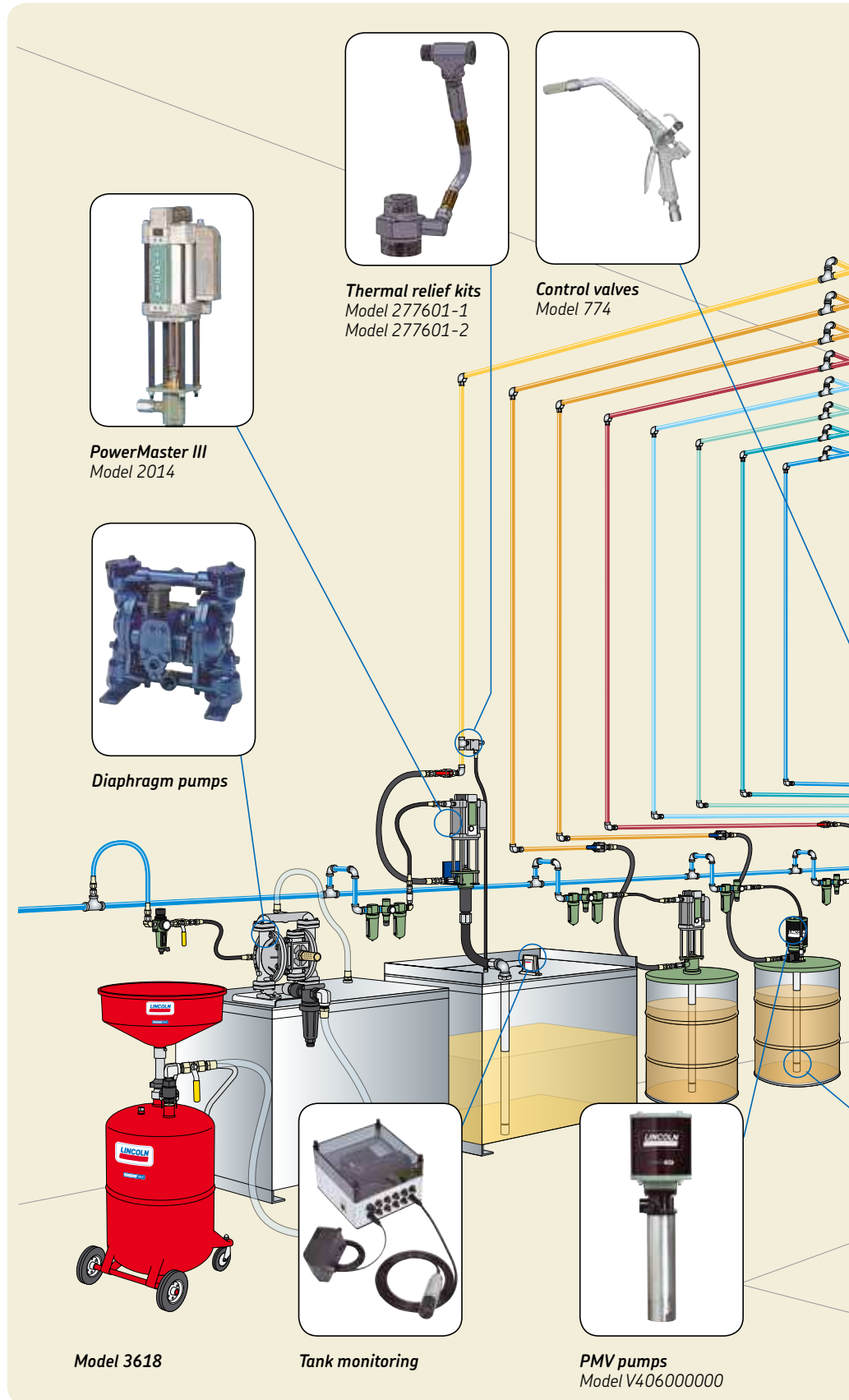
# Lubrication equipment solutions for vehicle service professionals

Helping maintain and sustain vehicle service facilities



# Providing total lubrication solutions for

- Professionals choose Lincoln lubrication solutions to deliver reliability and performance.
- Lincoln is a lubrication equipment industry leading brand with more than a hundred years of experience.
- From simple to highly sophisticated installations, our solutions include all the necessary components.
- Lincoln has been awarded more patents than any other brand in the vehicle service industry.
- Our products are found everywhere lubrication is needed to extend the life of a machine. Vehicle service, mining, industrial, wind power, railroad, construction, agriculture and over-the-road trucking applications all benefit from Lincoln products.
- This brochure depicts a sampling of our vast product line. Contact us for a specific bill of material designed for maintenance facilities.



**PowerMaster III**  
Model 2014



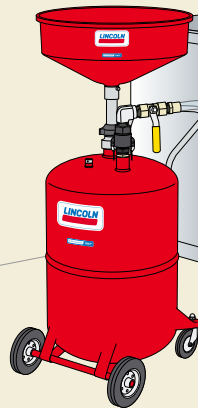
**Diaphragm pumps**



**Thermal relief kits**  
Model 277601-1  
Model 277601-2



**Control valves**  
Model 774



**Model 3618**



**Tank monitoring**

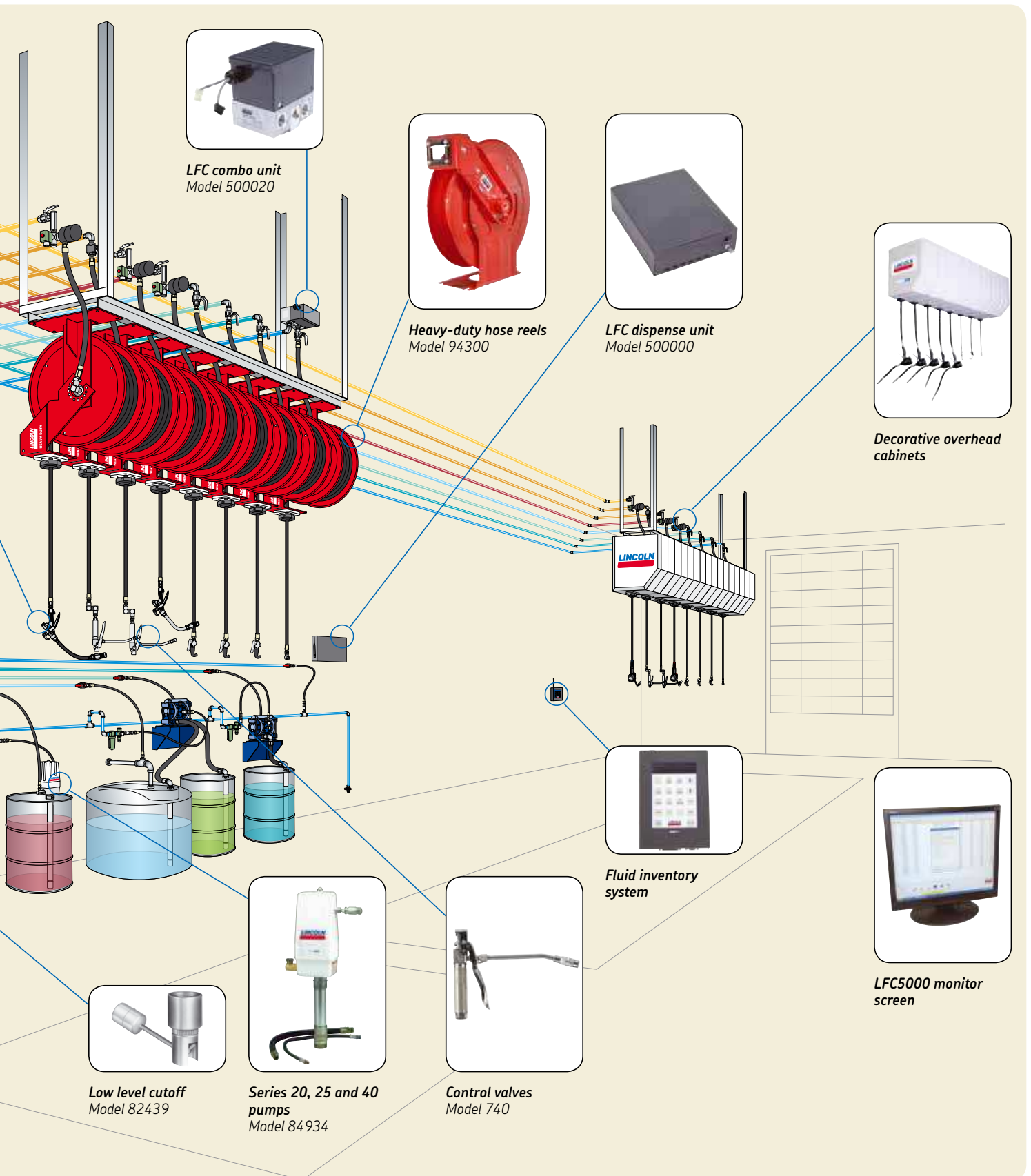


**PMV pumps**  
Model V40600000

## CAUTION

For all systems described in this brochure, see important product usage information on the back cover.

# vehicle service facilities



# Lincoln offers a wide range of pumps

**Introducing the new PMV line of pumps – designed for exceptional performance, long service life and low maintenance cost.**

Lincoln's new PMV family of oil and grease pumps represents 100 years of high-quality engineering technology and manufacturing. The unique, modular design of these pumps includes precision-machined parts made with durable materials which allows for a longer pump life.

## For oils and greases

- Technologically advanced proven modular design.
- Air control module fastened by four bolts for quick in-field repair.

- Precision machined and made from aircraft aluminum for precise, durable components that are less susceptible to temperature than plastic spools.
- Runs without external lubrication reducing cost of ownership and maintenance.
- Designed to work with wet, contaminated, dirty air supply.
- Quiet operation, meeting or exceeding OSHA requirements at all recommended operation air pressures.
- Special 5-year limited warranty.



- Simple design
- Precision-machined parts
- Reduced cost of ownership for the life of the pump



**Model V305000000**  
5:1 bare pump



**Model V406000000**  
6:1 bare pump



**Model V410000000**  
10:1 bare pump

### PowerMaster III pumps – high-volume, heavy-duty family of pumps

Building on the success of the standard drum pumps, Lincoln has further improved the design with completely pneumatic, modular air motors and six-inch stroke pumps for greater material output. Both air-operated and hydraulically-operated models are available.

#### For oils and greases

- Multiple ratios offer the most precise combination of volume and pressure.
- Available to fit any drum, pail or tank.
- AirBrake to stop pump if container runs dry.
- Full 6 in. (152 mm) stroke delivers excellent volume with fewer pump cycles.
- Air motors are available in 3, 4, 6, 8 or 10 inch (76, 101, 152, 203 or 254 mm) diameters.
- Quiet operation, meeting or exceeding OSHA requirements at all recommended operation air pressures.



Model 2014

Model 2004

### PileDriver pump – for heavy-duty, extreme volume applications

For high-volume applications of viscous materials such as grease from standard drums or bulk tanks, these industry-standard pumps incorporate the same completely pneumatic modular air motors as our PowerMaster family.

#### For oils and greases

- Same unique features and benefits of PowerMaster III air motors.
- Additional air motor offering 10 in. (254 mm) diameter.
- Special pump tubes allow for high volume deliveries of oils and greases, up to 27.6 gallons/min. (104,5 liter/min.).

#### Diaphragm pumps – ideal for fluid transfer and evacuation

- Compatible with antifreeze, windshield washer solvents and other water-based fluids.
- Applicable models can be grounded for safety and to meet local codes.
- Self-priming with variable flow.
- Able to run dry without damaging the pump.
- Multiple flow rates to match job requirements.
- Able to dispense exceptionally high gallon-per-minute flows.
- Explosion proof – virtually eliminates sparking concerns of electrical or rotating pumps.
- Pump may be mounted on container or wall.



Model 84921



Model 85634

# Lincoln hose reels – one for every need

## Lincoln fluid reel series (LFR) – engineered for exceptional performance

- Advanced design provides consistent, repetitive performance.
- Engineered for durability and reliability.
- Low-, medium- and high-pressure models available.
- Backed by 5-year limited warranty.



*Dual needle bearings reduce the stress on the spring, providing smooth, balanced operation during both hose extension and retraction.*



*Double ratchet teeth provide solid latch to lock hose in multiple usable positions.*



*Model 94100*

## Dual support reels – extra stability for rugged, demanding applications

The dual support reel utilizes the same technology as Lincoln's dependable 94000 series reels. These new heavy-duty reels include a dual arm and dual pedestal to give the added stability needed for demanding environments.

The three-point bolt design on the support arm allows for easy installation of the delivery hose and provides instant access to the reel's working parts.

- Design based on the proven 94000 series reels.
- Dual support from base to axle to roller outlet provides stability for applications with heavy vibration and impact.
- Slotted base for easy installation.



*Model 94500DS*

**Heavy-duty reels –  
our toughest, long-life reels**

The heavy-duty series of reels represent years of engineering, testing and experience. Their quality and reliability have made these reels one of the most popular reels in the Lincoln reel family.

- All bare reels rated for high, medium and low pressure.
- Reel assemblies available in standard 30, 40, 50 and 60 ft. (9, 12, 15 and 18 m) hose lengths.
- Dual needle roller bearings.
- Ball bearing inlet swivel design.
- Quarter-inch thick steel welded base and roller outlet arm.
- Backed by a 5-year limited warranty.



*Model 82206*

**High capacity reels –  
extra-heavy-duty reels for applications  
that require longer hose capacity**

- These industrial strength hose reels are designed for applications that require longer hose length.
- Models available to work with hose lengths up to 75 ft. (23 m).
- Ideal for service trucks, transit facilities and large fleet shops.
- Dual support from base to axle to roller outlet provides stability for applications with heavy vibration and impact.
- Low-, medium- and high-pressure models available.
- Also available – super-duty fuel reels with hose and nozzle.



*Model 94400DS*

# Control valves and dispensing meters



Model 980



Model 981

## Lincoln offers total-package solutions that put the operator in control

Fleet maintenance and vehicle service facilities require tools that withstand rugged and frequent use without sacrificing accuracy and accountability. Grease, air, oil, water, ATF, hydraulic fluids or antifreeze – Lincoln makes control valves and dispensing meters that handle it all to keep things flowing smoothly.

## Lincoln's upgraded models 980, 981 and 982 meters

These meters are ideal for standard and heavy-duty applications such as vehicle maintenance, lubrication trucks and industrial environments.

## Features

- Large six digit LCD display with two decimal point precision.
- Unit of measure selectable from the front of register.
- Shows totals in gallons or liters.
- Resettable and non-resettable totalizer.
- Low battery indicator.
- Long life, field replaceable, top load battery.
- 90° flex hose with swivel and manual tip (model 980), 5.5 in. (14 cm) rigid spout with automatic tip (model 981), 13 in. (33 cm) flexible extension with automatic tip (model 982).
- 1/2 in. (12,7 mm) ball bearing swivel.
- Built-in trigger guard.
- Locking trigger.

### Control valves Grease



Model 3050



Model 740

### Control valves Oil



Model 282930  
High Flow



Model 758F



Model 758



Model 712R

### Dispense meters Electronic



Model 905 preset



Model 967



Model 982



Model 280690  
High Flow

### Dispense meters Mechanical



Model 878



Model 877



Model 3867 preset



# Grease guns

## Lever-type grease guns



- Rugged cast pump head for strength and durability.
- Exclusive flip-over follower allows a superior seal for either cartridge or bulk loading applications.
- Extra-heavy follower spring helps to ensure positive priming and uninterrupted pump action.

## Specialty grease guns



- 100 percent positive grease-type identification minimizes the risk of mixing incompatible or unspecified grease.
- The clear grease tube provides visual confirmation of the quantity of grease remaining in the tube, air pockets and grease separation or contamination.
- Capable of both cartridge and bulk-fill use.
- The high-strength, clear tube with aircraft aluminum end caps combines for one of the industry's most durable tube assemblies.

## Lincoln grease guns are the industry leader

From the revolutionary PowerLuber, the first rechargeable, battery-powered grease gun, to the model 1142, the first choice of professionals everywhere, Lincoln offers a wide range of grease guns that offer high-performance and great value.

## Air-operated grease guns



Model 1162 fully automatic pneumatic grease gun simplifies the task of lubrication.

- Fully automatic, continuous operation.
- Variable-speed trigger helps to ensure excellent flow control.
- Accessible check valve assembly.
- 30 in. (762 mm) high-pressure hose with coupler and attachment clip.
- Includes a combination filler nipple and bleeder valve.
- Superior flow performance obtained through advanced design.

## Battery-operated grease guns



The newest addition to the popular PowerLuber family of grease guns.

- High-efficiency motor combined with improved battery technology provides superior run-time.
- Outstanding performance in high-pressure applications.
- 2-speed transmission provides high-volume grease flow option.
- Versatility means one tool for all lubrication requirements.
- Delivers the performance and quality expected from Lincoln tools.

# Used fluid receivers



The drain and pressurize method employs the benefits of the drain and evacuate system without an evacuation pump – the fluid drain is pressurized to evacuate the used fluid.

## Model 3624 26 gallon (98,4 liter) tank

- Pressurized and non-pressurized used oil tank and bowl made from high-strength polyethylene – no dents or corrosion.
- Built-in oil filter drain, tool tray and sight gauge. Very stable and easy to handle.
- Pressurized unit includes pop-off valve and fixed air regulator for safety. Compatible with most lubrication fluids.



Model 3624

## Model 3614 20 gallon (75 liter) tank

This new model simplifies the used fluid evacuation process by allowing the technician to drain, transfer and evacuate used oils with virtually no chance of spillage.

- Extra large 18 in. (457 mm) offset bowl easily catches fluid without repositioning the tank.



Model 3614

## Model 84704 20 gallon (75 liter) cart

- Low profile, large 20 gallon (75 liter) capacity cart with 42 in. (1 067 mm) T-handle for easy positioning. Used oil transfer by either gravity or suction evacuation.
- Two stationary rear wheels and one front wheel caster with grab handle for ease of under-vehicle positioning.
- Metal grating, two baffles and continuous side splash guards to prevent oil spillage during vehicle draining and cart movement.
- Suitable oil drain for recreational vehicle, truck or heavy equipment maintenance and repair.
- Large 20 gallon (75 liter) capacity averages 15-20 vehicles before tank evacuation.



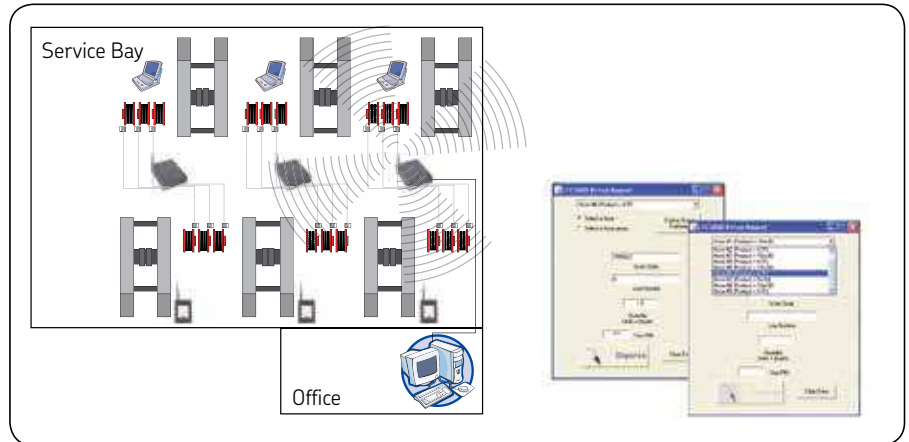
Model 84704

# Lincoln fluid control

## Lincoln's LFC family of fluid inventory control and management systems – available as wired and/or wireless systems

A complete offering of systems to meet the varying needs of vehicle service centers. Each system offers increased control over the authorization, management and recording of fluids used to service the growing fleets of private and commercial vehicles as well as car and truck dealerships.

- Control systems save money and time by accurately tracking and accounting for dispensed fluids.
- Choice of several unique systems to meet the varying needs of vehicle maintenance centers.
- Supervisor and operator levels of security let you decide who can use, program and monitor the system.
- Manage up to 32 fluids and 300 dispense locations with a single system.



- LFC interfaces with facility management software and offers enhanced set-up, control and reporting capabilities.

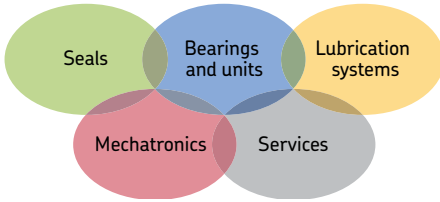
LFC 2000 – entry-level wireless system  
 LFC 2500 – PC-based wireless system  
 LFC 5000 – combines the dependability of a wired system with the benefits of a wireless system



## Tank monitoring improves operating efficiency

- Easy to install and integrate with existing equipment including the LFC 5000 management system.
- Wired system provides real-time tank levels.
- Use with above- and below-ground tanks.
- Monitors tank levels from anywhere at any time through local or web access and email and fax notification.
- Enables smart demand forecasting through concise historical data.
- Improves operating efficiency by optimizing ordering and scheduling logistics and fluid delivery costs.





### The Power of Knowledge Engineering

Drawing on five areas of competence and application-specific expertise amassed over more than 100 years, SKF brings innovative solutions to OEMs and production facilities in every major industry worldwide. These five competence areas include bearings and units, seals, lubrication systems, mechatronics (combining mechanics and electronics into intelligent systems), and a wide range of services, from 3-D computer modelling to advanced condition monitoring and reliability and asset management systems. A global presence provides SKF customers uniform quality standards and worldwide product availability.

#### **!** Important information on product usage

All products from SKF may be used only for their intended purpose as described in this brochure and in any instructions. If operating instructions are supplied with the products, they must be read and followed.

Not all lubricants are suitable for use in centralized lubrication systems. SKF does offer an inspection service to test customer supplied lubricant to determine if it can be used in a centralized system. SKF lubrication systems or their components are not approved for use with gases, liquefied gases, pressurized gases in solution and fluids with a vapor pressure exceeding normal atmospheric pressure (1 013 mbar) by more than 0,5 bar at their maximum permissible temperature.

Hazardous materials of any kind, especially the materials classified as hazardous by European Community Directive EC 67/548/EEC, Article 2, Par. 2, may only be used to fill SKF centralized lubrication systems and components and delivered and/or distributed with the same after consulting with and receiving written approval from SKF.

Please contact:  
**SKF USA, Inc.**  
 One Lincoln Way  
 St. Louis, MO 63120 USA  
 Tel. +1 (314) 679-4200

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