

## Fuel Oil Handling Systems

Now more than ever before, we are able to construct complete custom engineered fuel oil pumping systems for light oil burners, emergency generators, mission critical environments. Preferred Utilities remote systems include micro-processor based tank gauging and interstitial space leak monitoring with a complete line fuel oil monitoring accessories.

## Preventative Maintenance Additives

Our fuel oil additives can help break up water droplets and disperse sludge to improve filtration efficiency, increase boiler and engine performance, and increase overall reliability. Removing unwanted water from fuel tanks helps prevent corrosion, prevent leaks, and lengthen tank life. When ordered with the CA-1 option, Preferred filtration systems will store and automatically inject measured quantities of fuel additives to help keep tanks free of sludge and water buildup.

## Field Maintenance Service

Behind every successful system implementation stands Preferred's highly trained staff of service engineers. We offer expert field service for the commissioning of both new systems and the routine maintenance of existing control systems. In addition to our staff of field service engineers, our factory authorized representative companies maintain service departments to provide prompt local service.

## Quality Assurance Compliance

Before any product can be released for consideration, it must pass our rigid standard assurance testing program. Our practice of extensive testing and real-life simulation provides you with a line of proven accessories and eliminates the need for start-up experiments.

## Free Product Training

Preferred offers regular technical and product training sessions at our Danbury Connecticut headquarters. Additionally, upon request sessions are provided throughout North America. Technical and product training helps save time and money. Please find our monthly training schedule on our website, [www.preferred-mfg.com](http://www.preferred-mfg.com), or contact your regional sales manager for details.



## Preferred Utilities Manufacturing Corporation

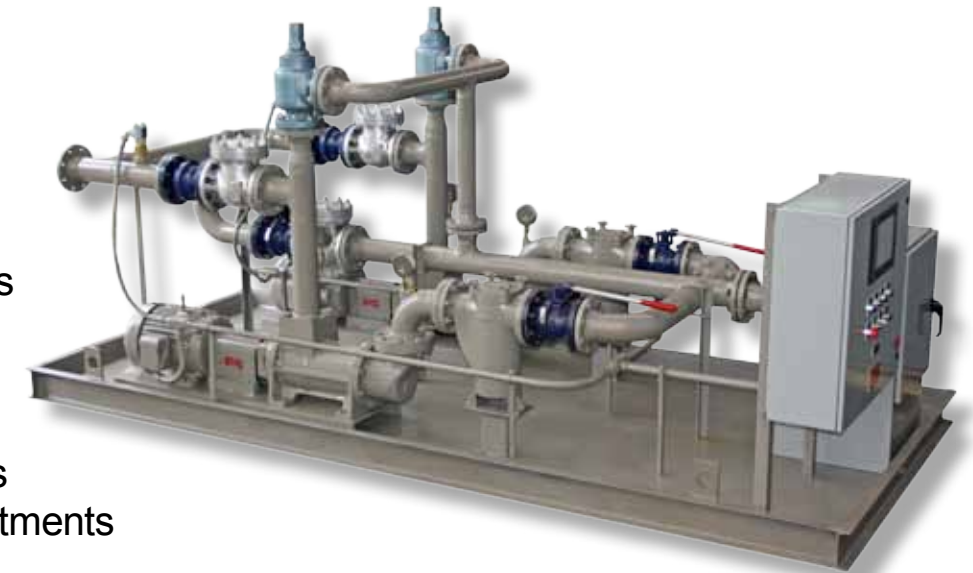
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# MANAGEMENT SYSTEMS

## What's Inside:

- Fuel Oil Handling Systems
- Transfer Pump Sets
- Fuel Filtration Sets
- Thermopump Systems
- Pump and Day Tank Sets
- Fuel Oil Additives and Treatments



## 2010 Winter Edition

Preferred Fuel Management Systems are designed to continuously monitor fuel levels, provide leak detection and alarms for double wall tanks and piping sumps, as well as control fuel pumps and valves for boiler and emergency generator fuel system applications. These systems, when integrated with Preferred Day Tanks and Pump and Strainer Sets, eliminate the installation problems that arise when multiple suppliers are involved. Single source responsibility assures proper interface and improved overall system performance. Typical applications include multiple day tank systems, multiple main storage tank systems, multiple pumping systems, automatic tank sequencing and automatic filtration. No matter what the application, a trouble free installation is assured when packaged systems and fully interfaced wiring diagrams are supplied by Preferred Utilities.

# 'THE STANDARD SINCE 1920'



Our Model ATPS, Automatic Fuel Oil Transfer Pump Set, is a revolutionary duplex pump sequencing and monitoring system. This system includes automatic lag pump backup features that improve fuel system availability and safety. A pump set mounted LCD display is used to monitor day tank and pump set status and alarms, however a 10 inch operator touch screen controller is available.

**Features:**

- NEMA 4 Enclosure
- Automatic Lead/Lag
- Alarm and Event Summaries



The Semi-Automatic Transfer Pump Set is a factory packaged, pre-engineered, pre-wired and pre-plumbed system that includes pumps, industrial motors and accessories. These systems are shipped to the job site, requiring only external fluid and electrical connections ensuring undivided responsibility of delivering fuel at the selected flow.

**Features:**

- Two Pump and Motor Assemblies
- Two Simplex Inlet Strainers
- Base Assembly



The Thermopump Fuel Oil Transfer Pump and Heater Set provides the above ground oil storage tank and exposed suction and return lines with a re-circulating flow of warm oil. Additionally, the Thermopump system will provide you with automatic duplex pump sequencing and monitoring for boiler and day tank applications.

**Features:**

- Dual Temperature Sensors
- Redundant Safeguards
- Integral Heater Thermostat

The Fuel Oil Transfer Pump and Day Tank package provides a local supply of distillate or diesel fuel for boilers, emergency generators or other stationary engine driven or oil fired equipment. This complete packages include our UL approved Model DT Day Tank, supply and/or return pump(s), and a PLC-based NEMA 4 control cabinet.

**Features:**

- Cast Iron Internal Gear Pumps
- Flows From 23 to 1600 GPH
- Safety Shutdown



The Model PF, Automatic Fuel Oil Filtration Set are the most complete, efficient and reliable engine protection systems you can install. These self-contained, fully automatic systems remove water, suspended rust, dirt, and other contaminants in order to maintain the quality and purity of your stored diesel fuel.

**Features:**

- Standard Flows From 180-1200 GPH
- Automatic Cycling
- Microprocessor-Based



Used in conjunction with the Preferred PF series of automatic fuel oil filtration sets, these fuel oil additives can help break up water droplets and disperse sludge to improve filtration efficiency, increase boiler and engine performance, and increase overall reliability. Removing unwanted water from fuel tanks helps prevent corrosion, prevent leaks, and lengthen tank life.

