Three System Types

The OIL SAFE Bulk Storage System can be configured or customized to suit your application and budget.

The base systems featured in this brochure have been defined for your convenience and highlight a number of popular pre-configured solutions.

There is no limit to the different configurations possible with the OIL SAFE Bulk Storage System. The system is fully modular and interchangeable therefore if none of the solutions shown in this brochure meet your exact requirements, speak with your Fluid Defense representative so that a custom configuration can be developed.

<table>
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</thead>
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<tr>
<td>Gravity Dispensing from Taps</td>
</tr>
<tr>
<td>One pump, filter &amp; suction tube per system</td>
</tr>
<tr>
<td>Pressurized Dispensing from Taps</td>
</tr>
<tr>
<td>One pump, filter &amp; suction tube per tank</td>
</tr>
<tr>
<td>3 Way Filtration – fill, re-circulate, dispense</td>
</tr>
<tr>
<td>Electrical Protection – Circuit Breakers, Surge Protectors, Motor Overload Protection</td>
</tr>
<tr>
<td>Push Button Emergency System Stop</td>
</tr>
<tr>
<td>Independent Ergonomic Stainless Steel Dispensing Console</td>
</tr>
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</tr>
<tr>
<td>Optional Hose Reels</td>
</tr>
<tr>
<td>Optional Two Stage Filtration</td>
</tr>
</tbody>
</table>

Basic

If you want improved practices that are economical on space and budget, this is it.

- Basic Contamination Control.
- Very space efficient.
- Easy relocation around the plant.
- One Pump per System.
- Gravity fed dispensing.

Advanced

If you want best practice with value that delivers, this is it.

- Best Practice Contamination Control.
- Very space efficient.
- Easy relocation around the plant.
- One Pump & Filter per Tank.
- Pressurized dispensing.

Lubrication Work Center

If you want the best, this is it. There is nothing better.

- Ultimate Best Practice.
- Instant Lube Room.
- Premium ergonomic dispensing and working surfaces.
- Parts & Tool storage.
- Electrical & Mechanical protection systems.
- One Pump & Filter per Tank.
- Pressurized dispensing.
- Numerous upgrade options.
BULK STORAGE

**TANKS**
Mix and match different tanks to meet your lubricant volume and identification requirements.

- **Color Coded** – choice of 10 colors for accurate lubricant identification.
- **4 Standard tank sizes** – 30, 60, 120 & 240 gallons. If this brochure doesn’t include the particular tank combinations you need – let us know. We can easily configure a system to meet your requirements.
- **Heavy Duty Construction** – 12 gauge aluminized steel for long life, other tank material options available to suit your specific fluid & environmental requirements.

**FLUID CLEANLINESS**
Minimize lubricant contamination with:

- **In-line filtration** – ensures fluid cleanliness.
- **Desiccant Breather** – dedicated breather for each tank to ensure maximum cleanliness and service life.
- **Dispense** – clean oil from high quality auto-shut off Taps to transfer containers.
- **Filling** – suction tubes with secure cam lock couplings.
- **Superior contamination control** with Advanced Systems and Lubrication Work Center:
  - Dedicated components – each tank has its own Pump, Filter and Suction Tube to eliminate cross contamination.
  - 3 way in-line filtration – filter every time you move the fluid – fill, recirculate & dispense.
  - **Dispense** – optional Hose Reels for dispensing to transfer containers and carts. (Lubrication Work Centers only).
  - **Filling** – dedicated suction tubes per tank.
  - **Recirculate & Re-filter** – ensure maximum cleanliness and service life.

**COMPLIANCE**
- **Fire Safety** – all systems come standard with MSHA – CFR30 rated hosing and have the option to include auto-shut off tank isolation valves.
- **OSHA – Right to Know** – color-coded and labeled tanks and Taps ensure accurate fluid identification and handling.
- **EPA – SPCC** – System comes standard with integrated spill containment transport pallets for EPA SPCC compliance.
- **Electrical Protection** – Lubrication Work Center comes with circuit breakers, surge protectors, motor overload protection, grounding kit & emergency shut-down for enhanced asset and personal protection.

**CUSTOM ID LABELING**
(optional upgrade)
Fully integrated customized identification labeling upgrades are available upon request to assist with no mistake application, OSHA Right To Know Compliance and NFPA.

**SPILL CONTROL**
Multi-Tier Spill Control

- **Spill Pallets** – integrated spill pallets ensure compliance with EPA – SPCC legislation.
- **Drip Trays** – removable drip trays collect accidental drips and spills that may occur when dispensing into transfer containers. Made of stainless steel for durable long life and ease of cleaning.
- **Auto shut-off Fire Safety Valves** – Optional auto shut-off tank isolation valves for superior spill protection in the event of fire.
- **Auto shut-off dispensing taps** – high quality auto shut-off taps ensure minimal spills when operators are dispensing to transfer containers and avoid spills or loss if taps not closed after use.

**MODULAR HEAVY DUTY CONSTRUCTION**
Shipping in pre-assembled modules, the fully welded and powder coated steel frame sets are highly durable.

- **Ships in pre-assembled modules that are ready out of the box for fast and easy on-site installation and implementation.**
- **Integrated pallets** – that are fork lift and hand truck compatible enabling easy transport into position, or moving to a new position if required.
- **Modular design** accommodates highly efficient road or sea freight anywhere in the world.

**STORAGE**
Built in cabinets and shelving ensure the fluid handling tools, equipment and identification parts are close to hand and stored in a highly organized manner.

- **Workplace Organization (5S)**
- **Cabinet Dimensions** – 45” (w) x 45” (d) x 88” (h)
- **Four Big Deep Shelves** – for bulk storage of containers, sorbents, grease guns, filters, oil analysis equipment and other fluid handling shop equipment.
- **Six Large Smooth Glide Drawers** – with removable parts trays for storage of fittings, tools, labels and parts.
- **Removable plastic parts bins** easily clip on and off internal racks to increase storage capacity and speed for small parts selection.
- **All welded, high quality powder coated cabinet used as a standalone unit or easily adjoined with any OIL SAFE Bulk Storage System.**
- **Cabinets ship fully assembled and ready to use!**

**GENERAL FEATURES**

- **Top mounted Level Gauges** – easy and safe viewing of tank fill level.
- **Retractable Cable Reel Grounding Kit & System earth lugs** – to mitigate static electricity build up.
- **Suitable for storing machinery lubricating oils and glycol based coolants.**
- **Power** – all systems come standard with 110v single phase 1EFC motors and can be configured for other power supplies as required.
- **Identification** – system comes standard with color coded tanks and generic labels for each tank, tap, suction hose and port.
 Highlights

The OIL SAFE Lubrication Work Center is the best practice solution for storage and dispensing of lubricating oils and glycol based coolants in industrial facilities. An instant Lube Room, this premium configuration incorporates best of class features such as:

- Dedicated pump and filter per tank – to prevent cross contamination of lubricants and ensure maximum cleanliness.
- Electrical Protection – circuit breakers, surge protectors and motor overload protection all ensure safe and effective operation in demanding environments.
- Spill Containment – built in spill containment for EPA SPCC compliance.
- Ergonomic dispensing station – dedicated ergonomic dispensing center with premium work surfaces and parts & tool storage.
- Pre-assembled – delivered pre-assembled with detailed owner’s manual including installation instructions.
- Fully welded and powder coated structural steel frame set for maximum durability in industrial environments.
- 12 Gauge Aluminized Steel Tanks available in 4 sizes and 10 colors – 30, 65, 120 and 240 gallons.
- Flame Resistant Fire Suppression Hose Assemblies – (VehSA-CFR300 rated.

### LUBRICATION WORK CENTER SPECIFICATIONS

<table>
<thead>
<tr>
<th>Features</th>
<th>Options</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-Step Filtration</td>
<td>Yes</td>
<td>Optional</td>
</tr>
<tr>
<td>Dual Stage Filtration</td>
<td>Yes</td>
<td>Optional</td>
</tr>
<tr>
<td>High Viscosity Pumps</td>
<td>Yes</td>
<td>Optional</td>
</tr>
<tr>
<td>Fire Safety</td>
<td>Yes</td>
<td>Optional</td>
</tr>
<tr>
<td>Hose Reels</td>
<td>Yes</td>
<td>Optional</td>
</tr>
<tr>
<td>Pressure Relief Valve</td>
<td>Yes</td>
<td>Optional</td>
</tr>
<tr>
<td>Tools &amp; Parts Storage</td>
<td>Yes</td>
<td>Optional</td>
</tr>
<tr>
<td>Optional Hose Reels for dispensing to mobile carts and larger containers</td>
<td>Yes</td>
<td>Optional</td>
</tr>
</tbody>
</table>

### LUBRICATION WORK CENTERS

#### Models – Lubrication Work Centers

Select from the standard models below or contact your Fluid Defense representative for a custom system quote.

**Models and Specifications**

1. **Model:** 4 x 65 Gallon
   - **Size:** 92” (w) x 46” (d) x 88” (h)
   - **Part #:** 8W0400
   - **Upgrade Options:**
     - Fire Upgrade
     - High Viscosity Pump
     - Hose Reel
     - Two Stage Filtration
     - Custom ID Labeling
     - Differential Pressure Indicator

2. **Model:** 6 x 65 Gallon
   - **Size:** 138” (w) x 46” (d) x 88” (h)
   - **Part #:** 8W0600
   - **Upgrade Options:**
     - Fire Upgrade
     - High Viscosity Pump
     - Hose Reel
     - Two Stage Filtration
     - Custom ID Labeling
     - Differential Pressure Indicator

3. **Model:** 8 x 65 Gallon
   - **Size:** 184” (w) x 46” (d) x 88” (h)
   - **Part #:** 8W0800
   - **Upgrade Options:**
     - Fire Upgrade
     - High Viscosity Pump
     - Hose Reel
     - Two Stage Filtration
     - Custom ID Labeling
     - Differential Pressure Indicator

4. **Model:** 4 x 30 & 2 x 65 Gallon
   - **Size:** 92” (w) x 46” (d) x 88” (h)
   - **Part #:** 8W0420
   - **Upgrade Options:**
     - Fire Upgrade
     - High Viscosity Pump
     - Hose Reel
     - Two Stage Filtration
     - Custom ID Labeling
     - Differential Pressure Indicator

5. **Model:** 4 x 65 & 2 x 120 Gallon
   - **Size:** 138” (w) x 46” (d) x 88” (h)
   - **Part #:** 8W0640
   - **Upgrade Options:**
     - Fire Upgrade
     - High Viscosity Pump
     - Hose Reel
     - Two Stage Filtration
     - Custom ID Labeling
     - Differential Pressure Indicator

6. **Model:** 6 x 120 Gallon
   - **Size:** 184” (w) x 46” (d) x 88” (h)
   - **Part #:** 8W0840
   - **Upgrade Options:**
     - Fire Upgrade
     - High Viscosity Pump
     - Hose Reel
     - Two Stage Filtration
     - Custom ID Labeling
     - Differential Pressure Indicator

7. **Model:** 4 x 120 & 1 x 240 Gallon
   - **Size:** 230” (w) x 46” (d) x 88” (h)
   - **Part #:** 8W0041
   - **Upgrade Options:**
     - Fire Upgrade
     - High Viscosity Pump
     - Hose Reel
     - Two Stage Filtration
     - Custom ID Labeling
     - Differential Pressure Indicator

8. **Model:** 12 x 65 Gallon
   - **Size:** 253” (w) x 46” (d) x 88” (h)
   - **Part #:** 8W0040
   - **Upgrade Options:**
     - Fire Upgrade
     - High Viscosity Pump
     - Hose Reel
     - Two Stage Filtration
     - Custom ID Labeling
     - Differential Pressure Indicator

9. **Model:** 6 x 120 Gallon
   - **Size:** 230” (w) x 46” (d) x 88” (h)
   - **Part #:** 8W0840
   - **Upgrade Options:**
     - Fire Upgrade
     - High Viscosity Pump
     - Hose Reel
     - Two Stage Filtration
     - Custom ID Labeling
     - Differential Pressure Indicator

**Models and Specifications**

10. **Model:** 4 x 30 & 2 x 65 Gallon
    - **Size:** 92” (w) x 46” (d) x 88” (h)
    - **Part #:** 8W0420
    - **Upgrade Options:**
      - Fire Upgrade
      - High Viscosity Pump
      - Hose Reel
      - Two Stage Filtration
      - Custom ID Labeling
      - Differential Pressure Indicator

11. **Model:** 12 x 65 Gallon
    - **Size:** 253” (w) x 46” (d) x 88” (h)
    - **Part #:** 8W0040
    - **Upgrade Options:**
      - Fire Upgrade
      - High Viscosity Pump
      - Hose Reel
      - Two Stage Filtration
      - Custom ID Labeling
      - Differential Pressure Indicator

12. **Model:** 6 x 120 Gallon
    - **Size:** 230” (w) x 46” (d) x 88” (h)
    - **Part #:** 8W0840
    - **Upgrade Options:**
      - Fire Upgrade
      - High Viscosity Pump
      - Hose Reel
      - Two Stage Filtration
      - Custom ID Labeling
      - Differential Pressure Indicator

13. **Model:** 4 x 120 & 1 x 240 Gallon
    - **Size:** 230” (w) x 46” (d) x 88” (h)
    - **Part #:** 8W0041
    - **Upgrade Options:**
      - Fire Upgrade
      - High Viscosity Pump
      - Hose Reel
      - Two Stage Filtration
      - Custom ID Labeling
      - Differential Pressure Indicator

14. **Model:** 12 x 65 Gallon
    - **Size:** 253” (w) x 46” (d) x 88” (h)
    - **Part #:** 8W0040
    - **Upgrade Options:**
      - Fire Upgrade
      - High Viscosity Pump
      - Hose Reel
      - Two Stage Filtration
      - Custom ID Labeling
      - Differential Pressure Indicator

15. **Model:** 4 x 120 & 1 x 240 Gallon
    - **Size:** 230” (w) x 46” (d) x 88” (h)
    - **Part #:** 8W0041
    - **Upgrade Options:**
      - Fire Upgrade
      - High Viscosity Pump
      - Hose Reel
      - Two Stage Filtration
      - Custom ID Labeling
      - Differential Pressure Indicator
The OIL SAFE Advanced Bulk System delivers best practice contamination control in a compact and space efficient form. Ideal for organizations that need the superior contamination control, working within budget and/or space constraints.

**Features include:**
- Dedicated pump and filter per tank – to prevent cross contamination of lubricants and ensure maximum cleanliness.
- Spill containment – built in spill containment for EPA and SPCC compliance.
- Flame Resistant fire suppression hose assemblies – MSHA CFR30 rated.
- 12 Gauge Aluminized Tanks available in 4 sizes and 10 colors – 30, 65, 120, & 240 Gallon.
- Delivered pre-assembled with detailed owner’s manual including installation instructions.
- Easy dispensing to transfer containers from color coded dispensers.
- Auto-Shut off taps
- Pallet truck or forklift compatible
- Level Gauges
- Desiccant Breather
- Retractable Static Discharge Reel
- Color Coded Tanks
- Dedicated Pump & Filter per Tank
- Removable Stainless Steel Drip Tray
- Spill Pallet
- Pallet Truck or Forklift Compatible
- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator

**Highlights**

The OIL SAFE Advanced Bulk System delivers best practice contamination control in a compact and space efficient form. Ideal for organizations that need the superior contamination control, working within budget and/or space constraints.

**Features include:**
- Dedicated pump and filter per tank – to prevent cross contamination of lubricants and ensure maximum cleanliness.
- Spill Containment – built in spill containment for EPA and SPCC compliance.
- Deliver pre-assembled with detailed owner’s manual including installation instructions.
- Choose from one of 9 pre-configured systems or configure your own by determining the number and size of tanks that best suit your requirements.

### ADVANCED BULK SYSTEM SPECIFICATIONS

<table>
<thead>
<tr>
<th>Advanced Bulk System Specifications</th>
<th>Pre-Assembled</th>
<th>Taps</th>
<th>Pressure Filter Set</th>
<th>3-Way Filtration</th>
<th>Electrical Protection</th>
<th>Dispensing Console</th>
<th>Dual Stage Filtration</th>
<th>High Viscosity Pumps</th>
<th>Fire Safety</th>
<th>Hose Racks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Pressureized</td>
<td>1 per Tank</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Optional</td>
<td>Optional</td>
<td>No</td>
</tr>
</tbody>
</table>

**Models – Advanced Systems**

Select from the standard models below or contact your Fluid Defense representative for a custom system quote.

**Model:** 4 x 30 Gallon  
**Size:** 46"(w) x 61"(d) x 98"(h)  
**Part #:** 8A0400  
**Upgrade Options:**  
- Fire Upgrade  
- High Viscosity Pump  
- Custom ID Labeling  
- Differential Pressure Indicator

**Model:** 2 x 65 Gallon  
**Size:** 46"(w) x 61"(d) x 88"(h)  
**Part #:** 8A0200  
**Upgrade Options:**  
- Fire Upgrade  
- High Viscosity Pump  
- Custom ID Labeling  
- Differential Pressure Indicator

**Model:** 4 x 65  
**Size:** 46"(w) x 61"(d) x 88"(h)  
**Part #:** 8A0400  
**Upgrade Options:**  
- Fire Upgrade  
- High Viscosity Pump  
- Custom ID Labeling  
- Differential Pressure Indicator

**Model:** 4 x 65 & 2 x 120 Gallon  
**Size:** 94"(w) x 61"(d) x 98"(h)  
**Part #:** 8A0420  
**Upgrade Options:**  
- Fire Upgrade  
- High Viscosity Pump  
- Custom ID Labeling  
- Differential Pressure Indicator

**Model:** 4 x 120 Gallon  
**Size:** 138"(w) x 61"(d) x 88"(h)  
**Part #:** 8A0120  
**Upgrade Options:**  
- Fire Upgrade  
- High Viscosity Pump  
- Custom ID Labeling  
- Differential Pressure Indicator

**Model:** 4 x 65 & 6 x 120 Gallon  
**Size:** 138"(w) x 61"(d) x 98"(h)  
**Part #:** 8A06120  
**Upgrade Options:**  
- Fire Upgrade  
- High Viscosity Pump  
- Custom ID Labeling  
- Differential Pressure Indicator

**Model:** 6 x 120 Gallon  
**Size:** 138"(w) x 61"(d) x 88"(h)  
**Part #:** 8A0120  
**Upgrade Options:**  
- Fire Upgrade  
- High Viscosity Pump  
- Custom ID Labeling  
- Differential Pressure Indicator

**Model:** 4 x 65 & 2 x 120 & 2 x 240 Gallon  
**Size:** 184"(w) x 61"(d) x 98"(h)  
**Part #:** 8A0422  
**Upgrade Options:**  
- Fire Upgrade  
- High Viscosity Pump  
- Custom ID Labeling  
- Differential Pressure Indicator
The OIL SAFE Basic System provides basic contamination control in the heavy duty space efficient OIL SAFE configuration. With one pump per system, this Basic unit is high on quality, but easy on the budget.

Features include:
• Gravity fed dispensing to manual taps (auto closing taps available on request).
• Spill containment – built in spill containment for EPA and SPCC compliance.
• Flame Resistant Fire Suppression Hose Assemblies – MSHA CFR30 rated.
• 12 Gauge Aluminized Tanks available in 4 sizes and 10 colors – 30, 65, 120 & 240 Gallon.
• Delivered pre-assembled with detailed owner’s manual including installation instructions.

Choose from one of 9 pre-configured systems or configure your own by determining the number and size of tanks that best suit your requirements.

Highlights

The OIL SAFE Basic System provides basic contamination control in the heavy duty space efficient OIL SAFE configuration. With one pump per system, this Basic unit is high on quality, but easy on the budget.

Features include:
• Gravity Fed dispensing to manual taps (auto closing taps available on request).
• Spill Containment – built in spill containment for EPA and SPCC compliance.

<table>
<thead>
<tr>
<th>BASIC BULK SYSTEM SPECIFICATIONS</th>
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<tbody>
<tr>
<td>SPCC</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

*Photographed System includes optional Fire Safety Upgrade.

BULK STORAGE

Models – Basic Systems

Select from the standard models below or contact your Fluid Defense representative for a custom system quote.

- **Model:** 4 x 30 Gallon  
  **Size:** 46" (w) x 61" (d) x 88" (h)  
  **Part #: 8G0430**  
  **Upgrade Options:**  
  - Fire Upgrade  
  - High Viscosity Pump  
  - Custom ID Labeling  
  - Differential Pressure Indicator

- **Model:** 2 x 65 Gallon  
  **Size:** 46" (w) x 61" (d) x 88" (h)  
  **Part #: 8G0200**  
  **Upgrade Options:**  
  - Fire Upgrade  
  - High Viscosity Pump  
  - Custom ID Labeling  
  - Differential Pressure Indicator

- **Model:** 4 x 65 Gallon  
  **Size:** 46" (w) x 61" (d) x 88" (h)  
  **Part #: 8G0400**  
  **Upgrade Options:**  
  - Fire Upgrade  
  - High Viscosity Pump  
  - Custom ID Labeling  
  - Differential Pressure Indicator

- **Model:** 8 x 65 Gallon  
  **Size:** 92" (w) x 61" (d) x 88" (h)  
  **Part #: 8G0800**  
  **Upgrade Options:**  
  - Fire Upgrade  
  - High Viscosity Pump  
  - Custom ID Labeling  
  - Differential Pressure Indicator

- **Model:** 4 x 65 & 2 x 120 Gallon  
  **Size:** 92" (w) x 61" (d) x 88" (h)  
  **Part #: 8G0420**  
  **Upgrade Options:**  
  - Fire Upgrade  
  - High Viscosity Pump  
  - Custom ID Labeling  
  - Differential Pressure Indicator

- **Model:** 4 x 120 Gallon  
  **Size:** 92" (w) x 61" (d) x 88" (h)  
  **Part #: 8G0040**  
  **Upgrade Options:**  
  - Fire Upgrade  
  - High Viscosity Pump  
  - Custom ID Labeling  
  - Differential Pressure Indicator

- **Model:** 6 x 65 Gallon  
  **Size:** 92" (w) x 61" (d) x 88" (h)  
  **Part #: 8G0600**  
  **Upgrade Options:**  
  - Fire Upgrade  
  - High Viscosity Pump  
  - Custom ID Labeling  
  - Differential Pressure Indicator

- **Model:** 4 x 65 & 2 x 120 & 2 x 240 Gallon  
  **Size:** 138" (w) x 61" (d) x 88" (h)  
  **Part #: 8G0442**  
  **Upgrade Options:**  
  - Fire Upgrade  
  - High Viscosity Pump  
  - Custom ID Labeling  
  - Differential Pressure Indicator

ECONOMICAL

BULK STORAGE