Lubricants are frequently topped off or replaced in harsh conditions, where the potential for contamination from dust, dirt, and water is the greatest. Unfortunately, the choice of a container to store, dispense and transfer the lubricant to the machinery is often questionable. Quite often these containers range from modified open topped coffee cans, jugs, buckets, and even old watering containers. These containers provide no protection to the lubricant from airborne contaminants. Below is a list of some important features to look for when selecting a fluid handling system.

- **Ruggedness** - Fluid handling containers need to be tough enough to endure being tossed, slammed, dropped, and bumped.

- **Closeable** - Being able to close the fluid handling container tight is essential to keeping the lubricants clean. If the container is unable to be closed, there is no assurance that contamination will be controlled.

- **Easy to handle** - Fluid handling containers should be comfortable enough for personnel to carry throughout the facility when full of oil.

- **No funnels** - Funnels are a huge contamination risk because they are hard to clean, and are usually used with a variety of lubricants. They are also stored in areas where they are exposed to dirt and other contaminants. The ideal fluid handling container is designed with a pour spout that eliminates the need for a funnel.

- **Lubricant identity** - Fluid handling containers should have an identifier for indicating the type of fluid within the container. Identifiers can come in the form of color, shape, size, or tags.

- **Non-reactive** - Some lubricant additives can interact with specific materials that some fluid handling containers are manufactured with. Plastics or stainless steel are the most desirable materials available.

- **Cleanable** - At some point in time the fluid handling container may need to be cleaned. The container should be designed to facilitate easy cleaning to ensure effective contamination control.

- **Pumping option** - In some areas where access is limited, pouring oil from a fluid handling container is not possible. In this case, the container should easily adapt to a pump that will allow the lubricant to flow effectively into the equipment.

Contamination is the root cause to lubricant degradation and machinery failure. It must be managed to assure proper performance. The selection of a fluid handling system is fundamental to the success of effectively and efficiently delivering clean lubricants to the machinery.
Oil Safe® products provide a safe, easy method of transporting, handling, and dispensing lubricating fluids in a wide variety of applications. These products are durable and built with High Density Polyethylene (HDPE) to perform in hostile environments. Ultra-violet and anti-static agents have been added to protect the product from ultra-violet degradation and the accumulation of static electricity. The product lids and drums are interchangeable and come in a variety of sizes and styles to suit individual needs. Lids are available in ten colors – yellow, red, blue, green, purple, orange, black, dark green, tan, and gray for easy identification of fluid type.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>O-ring</th>
<th>Buna-N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Range</td>
<td>-40°F to 176°F</td>
</tr>
<tr>
<td>Material</td>
<td>High Density Polyethylene</td>
</tr>
<tr>
<td>Additives</td>
<td>UV stabilizers and anti-statics</td>
</tr>
</tbody>
</table>

NOT SUITABLE FOR USE WITH FUELS OR SOLVENTS

DRUMS – 1.5, 2, 3, 5, & 10 L
These robust and durable drums feature a wide opening for rapid no spill filling, easy cleaning and will fit any lid.

OIL SAFE® PUMP
Ideal for those awkward and hard to reach oil top off applications such as motorcycles, gearboxes, lathes and milling machines. Supplied with outlet hose and anti-drip nozzle. The Oil Safe® pump delivers 1 liter for approximately every 14 strokes. Simply fit the pump to a Utility Lid and mate with a 3, 5, or 10 liter drum. For small reservoirs and filler holes an optional pump reducer nozzle is available that slides over Oil Safe® pump nozzle. Reduces from 3/8˝ OD - 1/4˝ ID.

SPOUT HOSE EXTENSIONS
Fitting a Stretch or Stumpy Spout Hose Extension, will enable controlled pouring into awkward or hard to reach places. The hose can be pulled from the fitting and cut to length as required.

SELECTION CHART - Lids

<table>
<thead>
<tr>
<th>Description</th>
<th>Yellow</th>
<th>Red</th>
<th>Blue</th>
<th>Green</th>
<th>Purple</th>
<th>Dark Green</th>
<th>Black</th>
<th>Orange</th>
<th>Tan</th>
<th>Gray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage Lid</td>
<td>31872</td>
<td>31881</td>
<td>31882</td>
<td>31883</td>
<td>31887</td>
<td>31884</td>
<td>31885</td>
<td>31886</td>
<td>31919</td>
<td>31918</td>
</tr>
<tr>
<td>Utility Lid</td>
<td>31873</td>
<td>31888</td>
<td>31889</td>
<td>31890</td>
<td>31894</td>
<td>31891</td>
<td>31892</td>
<td>31893</td>
<td>31921</td>
<td>31920</td>
</tr>
<tr>
<td>Stretch Spout Lid</td>
<td>31877</td>
<td>31895</td>
<td>31896</td>
<td>31897</td>
<td>31901</td>
<td>31898</td>
<td>31899</td>
<td>31900</td>
<td>31923</td>
<td>31922</td>
</tr>
<tr>
<td>Stumpy Spout Lid</td>
<td>31870</td>
<td>31902</td>
<td>31903</td>
<td>31904</td>
<td>31908</td>
<td>31905</td>
<td>31906</td>
<td>31907</td>
<td>31927</td>
<td>31926</td>
</tr>
<tr>
<td>Mini Spout Lid</td>
<td>31909</td>
<td>31910</td>
<td>31911</td>
<td>31912</td>
<td>31916</td>
<td>31913</td>
<td>31914</td>
<td>31915</td>
<td>31925</td>
<td>31924</td>
</tr>
</tbody>
</table>
FEATURES:

- Spout valve regulates oil flow and reduces oil contamination due to rain, sand, and dust entering through open spouts.
- Nozzles twist close to reduce contamination.
- Lids available in ten colors – yellow, red, blue, green, purple, orange, black, dark green, tan, and gray for easy identification of fluid type.
- Drum label included to provide easy identification of lubricant type.
- All lids and drums are interchangeable.
- Convoluted drum profile and large inlet hole allows for easy grip when filling.
- See through graduated drums make liquid levels easy to see and measure.
- High heat and chemical resistance with ultra-violet and anti-static additives.
- Large carry handle, which doubles up as a hook so drums can be hung up out of the way.
- Buna-N o-ring seals lubricant from the external environment.
- Wide range of spouts, hoses, and nozzles allow easy filling to awkward points.