

# Mobile Depth Filtration Systems

Improve the Cleanliness of your Mobile Equipment

LUBRIGARD MOBILE FILTRATION SYSTEMS PROVIDE YOU WITH THE ULTIMATE SOLUTION FOR IMPROVING OIL CLEANLINESS AND INCREASING COMPONENT RELIABILITY.



## Contamination Control

### BENEFITS

#### **The Ultimate in Contamination Removal**

Lubrigard engine and hydraulic filtration kits are the ultimate way to improve equipment cleanliness levels. The patented non-channeling seals are utilized to improve partial-flow filtration by forcing oil through a wound, fiber-filter media so fluids can not bypass the partial-flow filter. As a result these depth filters remove virtually all particles 1 micron and greater in the fluid.

#### **Multitude of Uses**

Lubrigard depth filtration systems can be utilized for a variety of applications, including engines, hydraulic systems, and transmissions. These systems work with mineral oils, synthetic oils and water glycol oils.

#### **Filter Media Variety**

Depth filters are available for engine oils, hydraulic oils and transmission oils. Various media are available to work with mineral oils, synthetic oils, water glycol fluids, water-based EDM fluids and coolants.

#### **The Bottom Line**

Depth filters remove more dirt, soot and contaminants than conventional spin-on filters. This allows for substantial cost savings in oil usage, filter changes and oil drains. Oil drain intervals can be extended by a factor of 4x the normal oil change period in addition to extending engine component life.

### OVERVIEW

- Suitable for a wide variety of applications including engines, hydraulics, transmissions.
- Works with a variety of fluids including mineral oils, most synthetic oils and water glycol fluids.
- Available in 3 sizes to accommodate oil reservoir capacities.
- Standard depth-filter media is 3 microns with a beta ratio of 200.



PROACTIVE LUBRICATION MANAGEMENT

# Depth Filtration Systems

Improve the Cleanliness of your Equipment



## Canister Systems

Model 500 Engine PT#900097

Model 500 Hydraulic PT#900098



**Application**  
Engines, Mobile and Stationary Equipment  
**Sump Capacity**  
Engines 5 to 10 gallons  
**Height**  
14.25"  
**Width**  
10.62"  
**Depth**  
10.75"  
**Max. Operating PSI**  
80 PSI  
**Flow Rate**  
1.25 GPM  
**Housing Capacity**  
12 Quarts  
**Ports**  
1/4" & 1/2" NPT  
**High Pressure Mounting Kit for Hydraulics**  
Optional

Model 750 Engine PT#900099

Model 750 Hydraulic PT#900100



**Application**  
Engines, Mobile and Stationary Equipment  
**Sump Capacity**  
Engines 10 to 15 gallons  
**Height**  
19.25"  
**Width**  
10.62"  
**Depth**  
10.75"  
**Max. Operating PSI**  
80 PSI  
**Flow Rate**  
1.25 GPM  
**Housing Capacity**  
16 Quarts  
**Ports**  
1/4" & 1/2" NPT  
**High Pressure Mounting Kit for Hydraulics**  
Optional

Model 1000 Engine PT#900101

Model 1000 Hydraulic PT#900102



**Application**  
Engines, Mobile and Stationary Equipment  
**Sump Capacity**  
Engines 15 to 20 gallons  
**Height**  
23.87"  
**Width**  
10.62"  
**Depth**  
10.75"  
**Max. Operating PSI**  
80 PSI  
**Flow Rate**  
1.25 GPM  
**Housing Capacity**  
20 Quarts  
**Ports**  
1/4" & 1/2" NPT  
**High Pressure Mounting Kit for Hydraulics**  
Optional

Note: Hoses, fittings and installation not included.

## Mobile Depth Filters



**Part #5002 (Mineral Oils)**  
**Diameter:** 19.1 cm (7.50 in)  
**Length:** 25.73 cm (10.13 in)  
**Dirt Holding Capability:** 1 kg (2 lbs)  
**Water Holding Capability:** 1L (0.26 Gal)

**Beta Ratio:**  
**3 micron B3 = 91.99**  
**5 micron B5 = 229.10**  
**10 micron B10 = 1078.28**  
**15 micron B15 = 3002.86**  
**20 micron**



**Part #7502 (Mineral Oils)**  
**Diameter:** 19.1 cm (7.50 in)  
**Length:** 38.43cm (15.13 in)  
**Dirt Holding Capability:** 1.4 kg (3 lbs)  
**Water Holding Capability:** 1.5 L (0.40 Gal)

**Beta Ratio:**  
**3 micron B3 = 91.99**  
**5 micron B5 = 229.10**  
**10 micron B10 = 1078.28**  
**15 micron B15 = 3002.86**  
**20 micron B20 = 4937.68**



**Part# 1002 (Mineral Oils)**  
**Diameter:** 19.1 cm (7.50 in)  
**Length:** 50.2 cm (19.75 in)  
**Dirt Holding Capability:** 3.2 kg (7lbs)  
**Water Holding Capability:** 2.84 L (0.75 Gal)

**Beta Ratio:**  
**3 micron B3 = 91.99**  
**5 micron B5 = 229.10**  
**10 micron B10 = 1078.28**  
**15 micron B15 = 3002.86**  
**20 micron B20 = 4937.68**

For water based fluids call for part #



Part Number: H-MC-SH-MK1

The High Pressure Mounting Kit attaches to the inlet/outlet ports of any standard housing. The kit comes complete with hardware to attach to the ports, hardware that provides 1/4" F-NPT fittings to attach to the system to be filtered, a pressure relief/by-pass valve, sampling port, and a pressure compensated flow control valve



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