

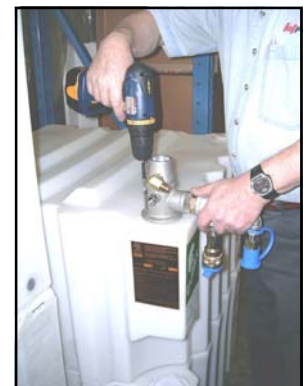
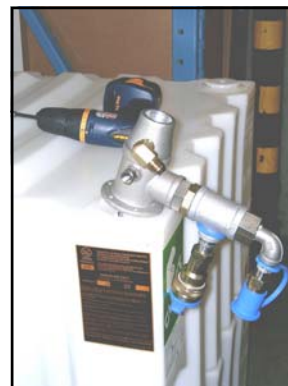
OILMISER™ Technology in The Oil Room



- A Translucent Poly Tank, graduated in US gallons and liters, gives an immediate visual reading of the existing oil volume. Equally important, it confirms the available space required for the next full drum of oil. This eliminates over filling the tank, and reduces the need for keeping extra oil for a possible out of stock occurrence.
- Individual Poly Tanks come in three tank sizes, 70 gallons (265 L), 122 gallons (460 L), and 145 gallons (550 L). Available as a single tank Storage & Dispensing Station, or as a 2 or 3 tank station, they are shipped partially assembled on a steel base. The 18 inch steel legs and drip trays, require a minimum of on-site assembly.
- A 225 gallon (850 L) Oil Storage & Dispensing Station is also available. It includes a single poly tank on a steel frame, 18 inch steel legs, drip trays, and a protective steel cage.
- The OILMISER™ **Fill • Dispense • Kidney-Loop** package is pre-assembled and shipped ready for on-site installation.
- For filling each poly tank a filter cart or transfer pump can be used. For dispensing from each poly tank, a filter cart is recommended, but a gravity dispensing system is included. For polishing the oil, in a kidney-loop procedure, a filter cart is required.



- The OILMISER™ **Fill • Dispense • Kidney-Loop** package has two oil flow passages with quick disconnects and a separate filtered airway. It includes a hose to the tank bottom for filling and dispensing, a return oil down pipe for kidney-loop filtration, and an external oil sampling port.
- The standard OILMISER™ 5 micron air filter can be replaced with a desiccant breather adapter as shown, or adapters to standard pipe threads.



The Turn-Key Oil Room

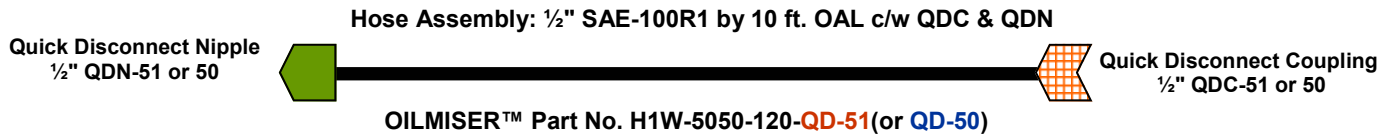
General Design Criteria: **OILMISER™ Oil Storage & Dispensing Station**

1. The **OILMISER™** Oil Storage & Dispensing Station (SDS) is a (stand alone) oil management system.
2. Each SDS is a single ULC® listed, translucent poly tank on a 18 inch high steel stand with a drip tray.
3. Poly tank capacities are 460 liters (122 gal.) and 850 liters (225 gal.).
4. Each SDS has a dedicated 1 inch Aluminum air operated diaphragm pump with an inline oil filter.
5. Each SDS will facilitate: (1) transferring oil from the oil drum into the poly tank, (2) dispensing from the poly tank into portable secondary containers, (3) Kidney-loop filtration for oil in the poly tank, and (4) oil sampling.
6. All of the above functions from 1 to 3 require the air pump to be running. Oil samples can be drawn manually or via the air pump.
7. Each SDS has two hoses. One end of each is attached to the SDS
8. The free end of each hose has a Quick Disconnect.
9. One hose has the coupling half (CH1) the other hose has the nipple half (NH2). This prevents any misconnection.
10. The correct connection of these hoses will determine the resulting task, i.e. transferring, dispensing, kidney-loop filtration.
11. Oil samples can be taken downstream of the inline filter with the diaphragm pump running, preferably during kidney loop filtration.
12. Each SDS includes the **OILMISER™** 5 micron air filter, or an **OILMISER™** Dry-Air Adapter for a standard slip-fit desiccant breather.
13. Each SDS includes a manual (spring closed) non metered dispensing control handle.
14. This gives on demand dispensing when the air pump is running: Squeeze—ON, Release—OFF
15. Pump capacity, flow rate and dispensing time are all a function of air supply pressure & SCFM, oil viscosity, and oil temperature.
16. Lube oils up to ISO-VG460 are within operating parameters.
17. Each SDS is identical for all oil storage & dispensing applications.
18. Some on-site assembly required.



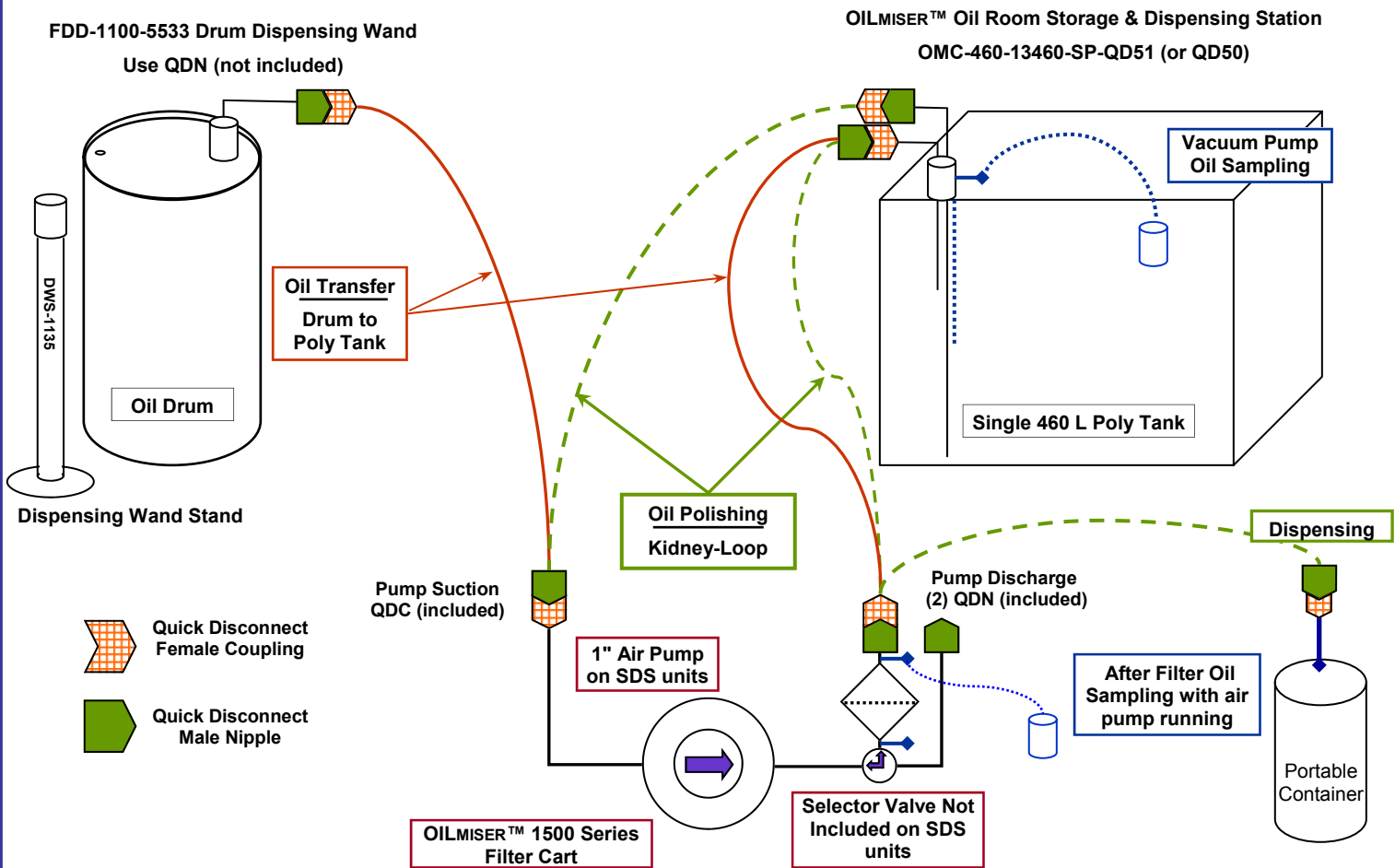
Part Number	General Description
SDS-460-AF5M-AP100-ILF7512M-QD751-NMCH	OILMISER™ Oil Storage & Dispensing Station c/w 460 L poly tank, OILMISER™ 5 micron air filter, 1" diaphragm air pump, ¾" OILMISER™ Inline oil Filter (12µm Beta=75), ¾" hoses & Quick Disconnects and a Non Metered Control Handle. Accepts all OILMISER™ Color Coded Filters . Not included: air supply controls. On-site assembly required. FOB Richmond, BC Canada
SDS-460-A100-AP100-ILF7512M-QD751-NMCH	OILMISER™ Oil Storage & Dispensing Station c/w 460 L poly tank, OILMISER™ desiccant breather adapter, 1" diaphragm air pump, ¾" OILMISER™ Inline oil Filter (12µm Beta=75), ¾" hoses & Quick Disconnects and a Non Metered Control Handle. Accepts all OILMISER™ Color Coded Filters . Not included: air supply controls and desiccant breather. FOB Richmond, BC Canada
SDS-850-A100-AP100-ILF7512M-QD751-NMCH	OILMISER™ Oil Storage & Dispensing Station c/w 850 L poly tank, OILMISER™ desiccant breather adapter, 1" diaphragm air pump, ¾" OILMISER™ Inline oil Filter (12µm Beta=75), ¾" hoses & Quick Disconnects and a Non Metered Control Handle. Accepts all OILMISER™ Color Coded Filters . Not included: air supply controls and desiccant breather. FOB Richmond, BC Canada
FDD-1100-5533-QN751	OILMISER™ Drum Dispensing Wand, includes a ¾" Quick Disconnect nipple
DWS-1135	OILMISER™ Dispensing Wand Stand

OILMISER™ Standard Hose Connection & Oil Flow Path Arrangement



Unless otherwise specified OILMISER™ Series **QD-51** Quick Disconnects are supplied with hose assemblies.
Dust Covers are not included with hose assemblies

Hydraulic Quick Disconnect Interchange Guide					
OILMISER™ Series 50 - ISO 7241-1B (Blue)			OILMISER™ Series 51 - ISO 7241-A (Red)		
Make	Coupling	Nipple	Make	Coupling	Nipple
OILMISER™	QDC-50	QDN-50	OILMISER™	QDC-51	QDN-51
Parker	H4-62	H4-63	Parker	6601-8-10	6602-8-10
Aeroquip	FD45-1003-8-8	FD45-1002-8-8	Aeroquip	5601-8-10	5602-8-10



The Turn-Key Oil Room

OILMISER™ Oil Storage & Dispensing System - On-Site Assembly Procedure

(Fig.1) Steel Stand Base with down side up



The poly tank is shipped sealed with shipping plugs, strapped to the steel stand base (Fig.1), and shrink wrapped. Four 4 inch steel shipping legs give fork lift clearance. All other components are boxed and shrink wrapped on a single pallet.

(Fig.7) Assembled SDC less Fixed Hoses & Drip Tray



(Fig.2) Stand Base with pump hanger installed



The 10 gauge steel pump hanger is pre-formed, and drilled to accept the air pump. Mounting brackets are welded to the underside of the base. All mounting hardware is included. Four 24" steel legs replace the 4" shipping legs.

(Fig.3) Stand Base with 24" legs installed



The air pump, inline oil filter and drip tray are shipped loose for mounting on-site. All mounting hardware is included. Pipe fittings and some hose adapters are pre-installed. Hose assemblies are shipped loose for mounting on-site. The poly tank is captive on the tank stand (Fig.4), however strapping to the base is recommended.

(Fig.6) SDC with Pump & Inline Filter Installed



(Fig.4) Assembled Tank Stand Upright



With the poly tank in position, the left side FILLorDRAIN™ (FD1-QN) and the right side FILLorDRAIN™ (FD2-QC) can be positioned and screwed into place using the mounting kits supplied.

(Fig.5) SDC Base with Diaphragm Pump Installed



The two long 3/4" hose assemblies (H1) and (H2) can now be attached to the fixed SDS hose adapters. Note the left hand side and right hand side orientation.