Salient Characteristics: Fluid Storage & Dispensing System (Brand Name or Equal)

UPDATED: 25 June 2026

Name: Oil/Coolant Storage and Dispenser

Make: **NOT A BRAND NAME SET-ASIDE** Lubrisource or **equal**

Model: HDL4-FS-0064-3W-2E-1F-1SP or equal

The suggested brand name is Lubrisource; however, quotes for "**equal**" products will be evaluated and accepted provided they meet all the essential physical, functional, and performance characteristics

System Configuration & Facility Requirements

Feature	Mandatory Requirement
Footprint	Must fit within a maximum space of 12ft W x 9ft D x 10ft H. (Dimensions may be adjusted if the design safely maximizes vertical space).
System Architecture	Stackable, modular, or racked design. Must include brackets to hold the containers securely in 2 rows of 4.
Power Supply	Compressed Air
Installation	Equipment delivery only. Contractors are NOT required to perform physical assembly, anchoring, or setup.

Storage Tank Specifications

Feature	Mandatory Requirement
Container Build	Eight (8) 65-Gallon aluminized steel, rectangular containers. Tanks must feature sloped bottoms and drain ports for easy cleaning.
Fluid Capacities & Coding	System must be capable of holding a minimum of 275 Gallons of Oil (up to 15W-40 viscosity) and ES Compleat PG diluted 50/50 and 165 Gallons of Coolant. Tanks must be color-coded to clearly identify different fluids. Brands of each lubricant: Multiple sources, and Fleet Guard
Intake / Supply Ports	~~Top-mounted ports must utilize 1 ½" Quick-Disconnect (QD) fittings connected to 2" NPT ports.~~
Breathers	Top-mounted desiccant breathers featuring visual "Color-Change" indicators.
Level Indicators	Sight gauges for visual monitoring of liquid levels. Gauges must include printed volume demarcations.

Pumping, Dispensing, & Filtration

Feature	Mandatory Requirement
Pumps	Two (2) Pneumatic (Air-Operated), self-priming pumps with suction tube assemblies. One Gear/Piston Pump (dedicated to Oil) and one Double-Diaphragm (AODD) Pump (dedicated to Coolant).
Hose Reels	Two (2) 50ft Hose Reels (one for Oil, one for Coolant). Pumps must be strong enough to support the 50ft reels and intake/refill.
Dispensing Valves	Must include lockable dispensing ball valves.
Filtration	It must feature 10-micron inline filters prior to dispensing.
Filter Isolation	Must include isolation valves installed before the filters for both coolant and oil to allow fluid shutoff during filter changes.

Safety & Spill Containment

Feature	Mandatory Requirement
Spill Pallet	Spill containment must hold a minimum of 130 Gallons (which satisfies the 25% of total liquid stored requirement).
Drip Pans	Drip pans must be included. (Drain valves on drip pans are not required).
Gauge Safety	All sight gauges must have isolation valves installed to prevent leaks if the gauge glass is broken.

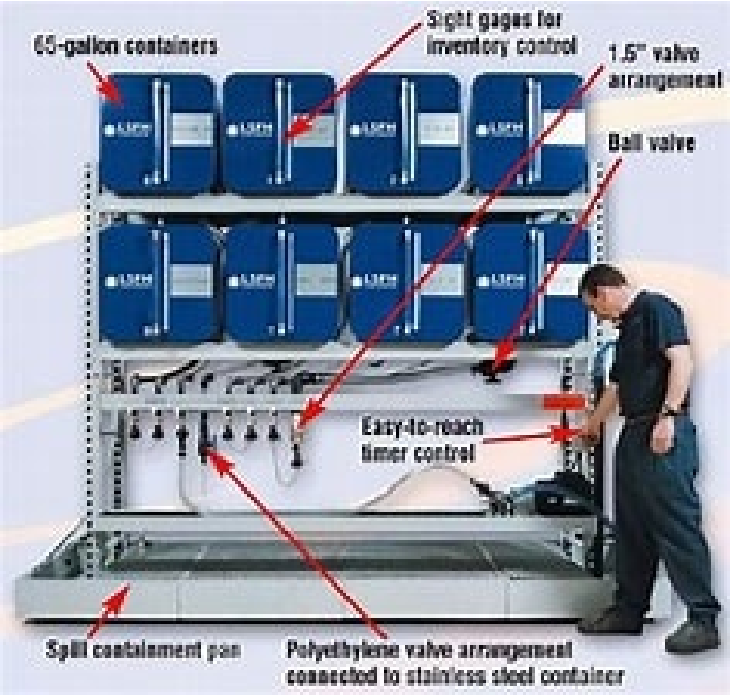

Figure 1 For Reference only