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

20 May 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	Must operate on standard 115V power utilizing Type B plugs.
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 165 Gallons of Coolant. Tanks must be color-coded to clearly identify different fluids.
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) 115V, minimum 8 GPM, self-priming gear pumps (or stronger) with suction tube assemblies. (One dedicated to Oil, one for 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