



CASE STUDY: SERVICE TRUCK LUBE SKID

APPLICATION: TRANSPORTABLE LUBE SKID

FLO's customer had several service trucks and wanted a lube skid that they could move from truck to truck, complete with all the fluids and waste oil evacuation system, to be able to service equipment out in the field. They also wanted a solution that would allow them to meter and record how much oil lubricants they were going through and on which machines.

FLO had previously installed their in-shop fluid dispense and metering system as well as automatic greasing systems on several of their machines. They approached FLO with their specifications and requirements and asked us to build a solution.



THE FLO SOLUTION

FLO's designed system incorporated quality equipment from Lincoln Industrial, Alemite Lubrication and other quality manufacturers, providing the components best suited to the application.

The final solution design included:

- Four steel tanks, one for each oil, each with a 3:1 air-operated pump package with air regulator, filter, lubricator and gauge. Each tank has a level indicator and being double-walled, is vacuum monitored.
- Four 1/2" hose lube reels, each with 30' of medium pressure hose.
- Four electronic LCD metered control valves with flex hose.
- A Waste Oil Transfer Package, complete with a 1" hose waste oil reel with 50' of medium pressure hose, waste oil diverter valve, waste oil discharge connection, air regulator, a safety lockout valve (installed in the pneumatic control lines), and a steel, vacuum monitored, waste oil tank with electronic "overfill monitoring and shut-off".
- All required hose ends, tube, fittings, valves and controls.
- All mounted on a Custom Skid Frame complete with forklift pockets.



FLO RESULTS

The lube skid primarily stays on one main service truck, but can be moved with a crane or forklift to a different truck when the need arises. Simply connecting a single compressed air line to the main shut-off valve makes the entire lube skid fully functional.

**For Total Lube Solutions,
GO WITH THE FLO!**

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