



CASE STUDY: MOBILE GREASE STATION

APPLICATION: SINGLE-DRUM GREASE STATION

FLO's customer was a mechanical supply company replacing an existing grease cabinet in a surface mine shop. The existing cabinet had a grease reel and air reel (to supply the grease pump) mounted at the top of the cabinet and casters at the bottom for wheeling around. The reels at the top caused it to be top-heavy, making it unsafe to maneuver or operate. The customer had no experience with these systems, so they approached FLO to design a grease station that could be moved around using a forklift, but was stable and protected from falling over.

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:

- 3/8" x 50ft grease hose reel with HP universal grease swivels
- 40:1 ratio grease pump, complete with a muffler, bung adapter filter, regulator and pressure gauge
- Hoist elevator to lift the pump in and out of the drum.
- Follower plate clamping ring allows for removal of plate with the complete pump package
- Pin locking safety bar to prevent hoist elevator movement in the event of pneumatic air loss.
- Built in heavy duty roller assembly floor and drum guides for easy loading and unloading of drums
- Removable drum locking safety bar to retain the drum.
- All required tube, fittings, valves and controls.
- All mounted on a Custom Skid Frame complete with forklift pockets.



FLO RESULTS

FLO worked closely with the customer to modify and customize the features of our solution to provide maximum value, safety and ease of operation over the long term.

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