

Elevator Sump Filtration System

HT-2506

Hydraulic oil in an elevator sump can be a code violation and is dangerous for all personnel working on and around the elevator equipment. This condition also causes damage to the elevator equipment and is a potential contaminant if drained or pumped into the environment. Hydraulic oil will penetrate concrete, which can seep into the ground and require an environmental cleanup and removal of all contaminated soils.

Highland Tank Elevator Sump

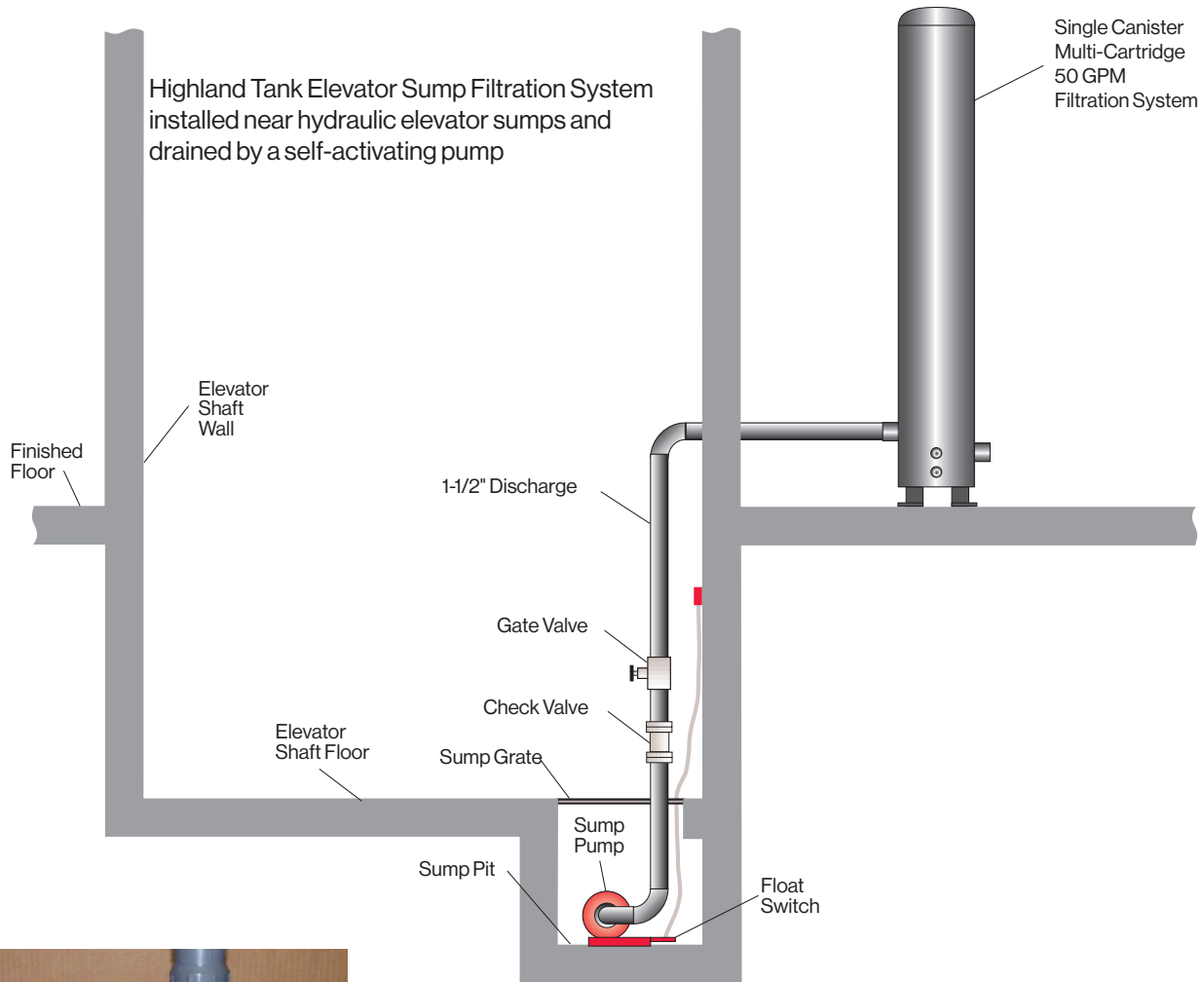
Discharge Filtration Systems recover harmful oil spills or discharges from hydraulic elevator sumps whenever the sumps are drained by a self activating pump. These systems are used in applications where strict water quality discharge regulations are mandated. They work in compliance with the EPA's sewer pretreatment or storm water programs by helping prevent petroleum products from being discharged to sanitary or storm sewers.

The heart of Highland Tank's system is the oleophilic filter cartridge. The media used within these cartridges effectively removes hydraulic oils from the water prior to discharge.

Highland's filter systems are so effective, they can even remove hydraulic oil that is mechanically emulsified by high-shear, high RPM elevator sump pumps. Maintenance is easy – simply remove the oily saturated filter cartridges, dispose with other oily waste and replace with new filter cartridges.

Recover harmful oil spills or discharges from hydraulic elevator sumps.

Drawing & Details



Highland Tank's Elevator Sump Filtration Systems easily remove free and mechanically emulsified hydraulic oil from sump pump discharge.

HIGHLAND ESP FILTERS

- Stainless steel housings
- Can be sized to accommodate other flow rates
- Simple and easy to install and maintain
- Minimal footprint requirements
- Designed to remove free and mechanically emulsified oils
- Can be retrofitted to existing elevator sump pumps
- Help avoid environmental contamination and costly fines
- Designed to meet ASME A17.1 Safety Code for Elevators requiring 50 GPM per sump



Pump and control systems are available from Highland Tank as part of a packaged system



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