One Highland Road. • Stoystown, PA 15563 • 814.893.5701 • www.highlandtank.com

00100AGSWEOI

**100-GPM Aboveground Single-Wall Steel Elevator Oil Interceptor (EOI)**

Provide and install Highland Tank Model 00100AGSWEOI Elevator Oil Interceptor(s).

Interceptor shall be single-wall, aboveground, and of welded carbon steel construction. Internal and external surfaces shall receive a commercial grit blast and be coated with heavy-duty polyurethane for corrosion resistance.

Quantity: \_\_\_\_

Interceptor shall be rated at 0-100 GPM intermittent flow.

Nominal Static Water Holding Capacity: 127.3-gallons, as indicated on drawing

Nominal Interceptor Dimensions: Length Width Height

52-inches 29-inches 40-inches

**Application**

Highland Tank EOIs are designed to trap sediment and retain free floating oil and grease (petroleum hydrocarbons and other volatile liquids) in wastewater discharged from elevator pit sumps.

EOIs prevent the discharge of sediment, oil, grease, and other substances harmful or hazardous to the building's drainage system, the public sewer, sewage treatment plant or other treatment processes.

**Description**

**00050AGSWEOI** **Elevator Oil Interceptor rated at 0-50 GPM**

Application: Aboveground

Type: Single-wall

Material: Carbon Steel

Inlet: 4" HC, Outlet: 4" NPT

NPT Level Sensor Mount: 2" NPT

Vent Size: 2"

Exterior Coating: Epoxy/Urethane Finish White 4-6 mils

Interior Coating: Chemthane 4200 PW 15 mils

(3) Bolt-on 10 GA covers with

gasket, handles, wing nuts.

The EOI utilizes an arrangement of inlet and outlet pipes, sludge baffle, and a removable stainless steel corrugated plate coalescer that enhances the Elevator Oil Interceptor’s performance.

**Interceptor Dual Alarm System**

Consists of a two-level stainless steel sensor in the interceptor and NEMA 4X (FRP) alarm panel with audible/visual alarm as well as a dry contact for remote monitoring

as may be needed. Sensor designed to indicate high oil storage and high liquid

level in the interceptor. Does not include any interaction with the pump control / pit alarm panel 1Ph/60HZ/115V.

**Discharge pump w/Basic Control System**

1PH / 115/ 60HZ

3500 RPM rated for 50 GPM 24' TDH

**Quality Assurance**

The manufacturer shall warrant its products to be free from defects in material and workmanship for a period of one year from the date of shipment. The warranty shall be limited to repair or replacement of the defective part(s).

Tank to be manufactured by Highland Tank at one of the following locations: Stoystown, PA; Manheim, PA; Watervliet, NY; Greensboro, NC; Friedens, PA; Clarkston, MI or Mancelona, MI.