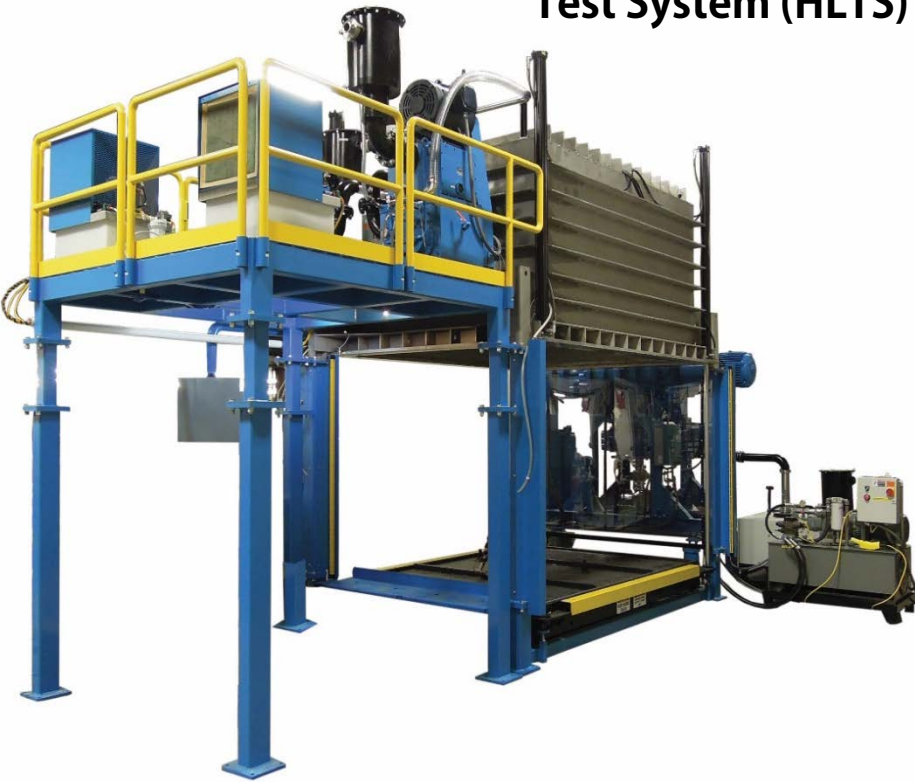




# VACUUM TECHNOLOGY I N C O R P O R A T E D

## 460 Gallon Diesel Fuel Tank Helium Leak Test System (HLTS)



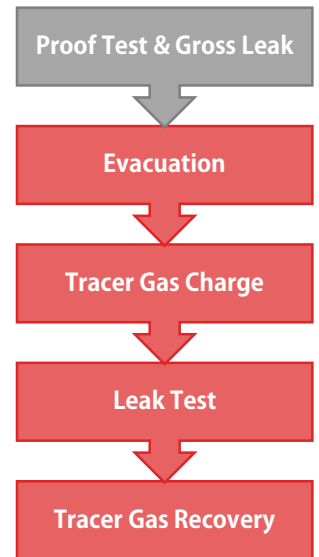
### Specifications

- **Product:** 460 Gallon Diesel Fuel Tank
- **Tracer Gas:** Helium
- **Leak Rate:**  $1.2 \times 10^{-5}$  atm-cc/sec from 5 psia into vacuum
- **TAKT Time:** 10 Minutes
- **Charge-In-Chamber**
- **Blower Size:** 11,335 CFM
- **Pump Size:** 495 CFM
- **Chamber Volume:** 327 ft<sup>3</sup>
- **Installation Date:** 2015

VTI's Diesel Fuel Tank HLTS is engineered to provide reliable leak testing for the production of welded steel and aluminum diesel fuel tanks.

This robust bottom-up style chamber door was designed to be level with the customer's floor. This design allows for the Unit Under Test (UUT) to be easily loaded / unloaded onto a roll around cart. A pressure differential sensor is incorporated into this system to ensure the pressure differentials on the walls of the UUT are controlled to customer requested limits. This ensures the UUT will neither explode or implode during evacuation and venting, resulting in a safe and reliable leak test. This system is equipped with an 1,550 gallon capacity Helium recovery system to improve efficiency and conserve Helium.

The control system is integrated with the customer's database to provide real-time data. It is also interlocked with other equipment on the production line to guarantee testing requirements are met in production.



Other Test Systems Available.  
Call us to learn more.