



## Crude Oil Tank-Trailer Products

Expert solutions for the safe handling, transfer,  
monitoring, measuring and protection of  
hazardous bulk products worldwide.



# Advanced Crude Oil Tank Trailer Products

For more than 50 years, Civacon has been the leading manufacturer of crude oil tank-truck products worldwide. From design to production, Civacon's state-of-the-art facility located in Kansas City, Missouri, has developed the most innovative line of cargo tank-truck products — guaranteed to provide superior protection and prevention of fugitive emissions.

Offering a broad array of crude oil tank-transport products, Civacon sets the global standard for

quality and reliability. Civacon's crude oil tank-truck trailer products include internal valves, vapor vents, manholes, butterfly valves and API adaptors. Civacon is the brand you can depend on for delivering the highest level of product engineering and performance, designed to ensure maximum safety in the transporting, loading and unloading of crude oil.



## 1 Internal Valves



### MaxAir™ II Crude Oil Internal Valve

Civacon's MaxAir™ HP 5" x 4" Air-Operated Emergency Valve is uniquely engineered with no moving parts in the flow path for a superior flow rate, making it suitable for petroleum and crude-oil applications that require real-world performance and rugged reliability.



### 6x6" MaxAir HP Crude Oil Valve

Manufactured with a hard-coated, anodized-aluminum body for added corrosion protection, Civacon's emergency valves are available in a 90° flanged elbow or flanged tee option. These 6" Emergency Valves have been specifically engineered to provide a high level of performance even in the harsh environments found in crude-oil transportation. They are designed to handle viscous media while allowing maximum flow efficiency and maintaining long-lasting performance.



### 6" Flanged Tee Emergency Valve

## 2 Vapor Vents



### Sequential Vapor Vent

Civacon's T196SV-CV Crude Oil Vent is manufactured to withstand high-pressure crude applications. The unique patent-pending, dual-stage poppet design will relieve tank pressure followed by a second-stage venting process for maximum results.

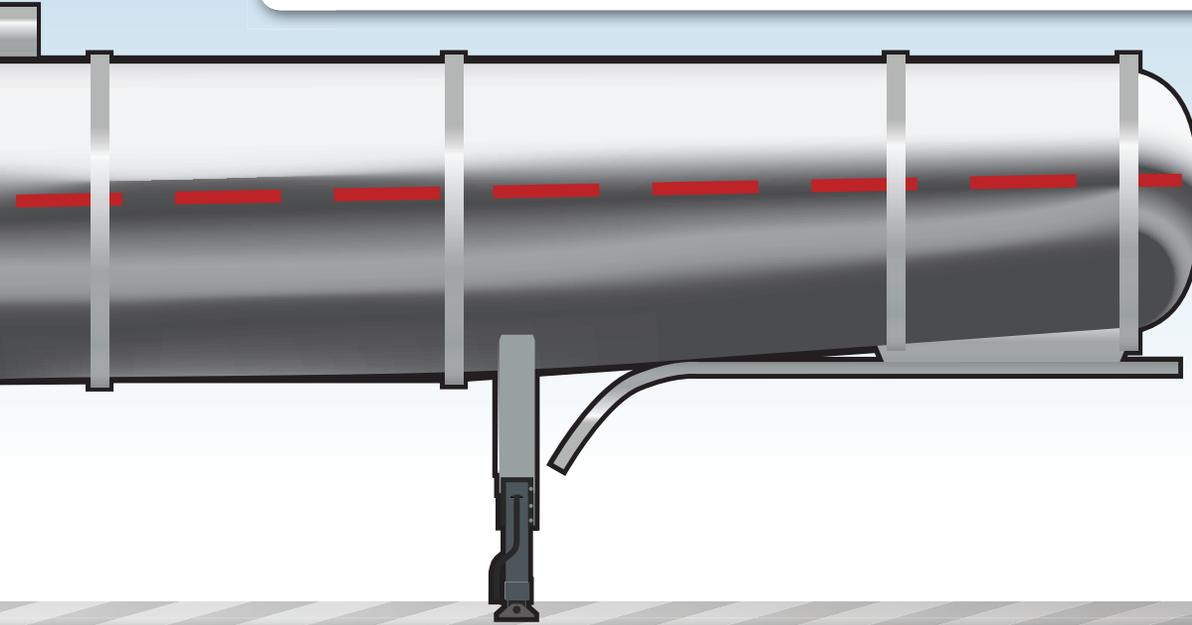
## 6 Pressure Manholes

### LM Manhole

Sure Seal manholes are designed for a diverse range of industries and applications, with a wide array of different pressure and non-pressure configurations. Knappco pressure manholes can also be custom-designed to meet precise operational specifications. The LM Series handles many diverse commodities with working pressures up to 30 psi.



The LM manhole's advanced cam mechanism lets you adjust the cam bolt for precision alignment and evenly applied lid force.



## 3 Bottom Loading



### 891 API Adaptor

Civacon's 891 API Bottom Loading Adaptor is precisely engineered and manufactured to match the standard loading coupler and to deliver superior value and performance.

## 4 Butterfly Valves



### 4" Aluminum Hybrid Butterfly Valve

Civacon's Hybrid Butterfly Valve is the ideal solution for all of your wet or dry applications! It easily handles harsh, abrasive crude oil, and refined fuel products as well as any other compatible liquid, powder or abrasive service.

## 5 Air Control Assembly



### SCP-1C Air Control Assembly

The SCP-1C provides complete control of the compartment vent and internal valve, as well as optionally providing an interlock for the overflow-detection system. This pre-packaged air control panel's sequenced operation and visual indicator inform the driver that the tank is properly ready for loading or unloading. An air-reset feature can tie into the trailer's parking brake so that everything closes automatically when the brake is released. This assures that the driver never leaves a valve open in transit.



**OPW Global Operations**

- 1 OPW Corporate Headquarters
- 2 OPW Fuel Management Systems
- 3 OPW Retail Fueling
- 4 OPW Engineered Systems
- 5 Midland Manufacturing
- 6 Civacon
- 7 PDQ Manufacturing Inc.
- 8 OPW Mexico
- 9 OPW Latin America
- 10 Poland/Petro Vend of Poland, Inc.
- 11 OPW EMEA Headquarters
- 12 OPW EMEA Czech Republic
- 13 OPW FTG Europe
- 14 OPW India
- 15 OPW Asia Pacific
- 16 OPW Russia

