

TCC Optimum™

Transportable Crude Oil Container

API Chapter 8

ASTM
D4057

ASTM
D4177

ASTM
D5854

ISO
3170

ISO
3171

ASME
CODE STAMPED



No on-site lab? Meet the Welker TCC Optimum™, the only crude oil container on the market with DOT and Transport Canada* approval. With the compact TCC Optimum™ as your primary container, safely getting your composite sample of stabilized crude to an off-site lab for mixing and analysis is possible. Special design features exceed industry standards and improve the operator experience.

Features

- ProSlick™ finish
- Lightweight design
- Carry handle and ring chime base
- Quick-connects

Benefits

- Prevents water and other components from clinging to the container
- Improves sample representativeness and water cut measurement accuracy
- Easy cleanup to prevent cross-contamination
- Reduce physical strain during container installation, removal, and transport
- Quickly install and remove the container

The key features of Welker's TCC Optimum™ meet the requirements of API, ASTM, and ISO to help maintain representativeness from collection to analysis.

ROUNDED BOTTOM

- No pockets or dead spots to bias the sample
- Facilitates mixing and complete sample withdrawal

BOTTOM SUCTION PORT & TOP RETURN PORT

- Connect to closed loop mixing system to homogenize the sample and clean the container

INTERNAL SPRAY BAR

- Evenly disperses components during mixing for representative subsamples
- Evenly disperses solvent for thorough cleaning

EASY-OPEN LID

- Facilitates filling, inspection, and cleaning
- Protects samples from contamination and maintains sample integrity

PRESSURE RELIEF VALVE

- Protects the container from overpressurization

VACUUM BREAKER

- Prevents cavitation during mixing
- Prevents a vacuum from forming during sample withdrawal

PRESSURE GAUGE

- On-site pressure indication

FILL VOLUME MONITORING

- Internal fill marks for on-site monitoring
- Use with a weigh scale for remote monitoring



*only on 2.5-gallon models
Weight and/or dimensions are approximate.
Specifications subject to change without notice.

TCC Optimum™

Materials of Construction	316/316L Stainless Steel Container With Stainless Steel Fittings
Volume	2.5 US Gallons
	5 US Gallons
Weight	2.5-Gallon: 15 lb (Dry)
	5-Gallon: 22 lb (Dry)
Operating Pressure	136 psig @ -20 °F to 100 °F
Industry Standards	API Chapter 8, ASME code stamped, ASTM D4057, ASTM D4177, ASTM D5854, ISO 3170, ISO 3171

