

Well Flow Management

Well Testing | Disposal

500 bbl Oil Storage Tank - Trailer

Trailer mounted, atmospheric oil storage tank, designed for ease of mobilization, rig up and rig down, thereby increasing operational efficiency for remote site activity.

The tank is designed to allow easy access for multiple valves forming the inlet and outlet manifold, this optimizes use of the tank for clean-up operations or to store liquids.

A flame arrestor is an integral feature of the tank and located at the gas/vent outlet line at the top of the tank. An additional safety feature is the inclusion of vent hatches/manholes, created by forming a balanced man entry opening which allows the cover to be lifted, thus venting to the atmosphere should pressure begin to build up in the vessel.

The tank is equipped with an internal access by permanently installed ladder and foldable top handrails to ensure operator safety.

Tanks may also be equipped with steam coils to provide the necessary heat required to ensure fluid viscosity is retained during operations.

The high capacity of the tank is an additional benefit for operations where well production can be transported to a loading facility and the crude can be transferred for further processing.

Applications

- Oil Storage
- Onshore Well Test
- Extended Well Test

Features and benefits

- Enables faster mobilization
- Minimise installation/demobilization time from location
- Allows safe crude transfer for additional processing
- Foldable roof top handrail.
- External and Internal ladder
- Detonation Flame arrestor



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Technical specifications	
Capacity bbl (m ³)	500 (79.5)
Working pressure	Atmospheric
Temperature range °F (°C)	-20 to 200 (-29 to 93)
Steam coil pressure (Max) psi (bar)	150 (10.34)
Manhole inches (mm)	Qty 2 x 20 inches (500 mm), swing bolted type
Fluid inlet connections	3"fig 206 Hammer union (female)
Fluid outlet connections	High - 4"fig 206 Hammer union (male) Low - 2"fig 206 Hammer union (male)
Steam inlet connection	2"fig 206 Hammer union (female)
Steam outlet connection	2"fig 206 Hammer union (male)
Gas outlet (vent)	4"fig 206 Hammer union (male)
Weight (dry) lbs (kgs)	46,297 (21,000)
Dimensions (L x W x H) ft (m)	45 x 8.5 x 16 (13.72 x 2.59 x 4.88)
Axle capacity tonnes (kgs)	16 (16,257) Single axle underslung
Load at axle lbs (kgs)	26,455 (12,000)
Level gauge	2 qty, at side of the tank (recessed)
Roof top handrailing	1 set, foldable

Note: Piping design to ANSI B31.B

Other sizes, configurations and pressure ratings are available to meet most applications, for more information contact your local Expro representative or email welltesting@expro.com