

Roth Double-wall Lube Oil Storage Tanks

Frequently Asked Questions



1) “Is this a UL 142 tank?”

No, UL 142 and UL 80 are standards used to certify steel tanks. The Roth DWT is a nonmetallic tank and is therefore certified to UL SU2285, a standard used to test and certify nonmetallic tanks.

2) “Can this tank be used to store gasoline and other flammables?”

No, this DWT is designed and certified for combustible liquids ONLY with a flashpoint above 100 degrees F! The DWT cannot be used for gasoline or any flammable liquid. If there is any question regarding the liquid under consideration, please call Roth Industries Technical Department.

3) “Can this tank be used for collection of used lubricating oils?”

Yes, the DWT can be used for storage of used oils as long as they are not contaminated with flammables i.e. gasoline or solvents that could change the class of liquid from combustible to flammable. Generally, lubricating oils collected directly from routine automotive maintenance procedures i.e. crankcase/gear case oils; transmission/hydraulic fluids are not contaminated in this manner. Waste oils of unknown origin should be avoided.

4) “Can this tank be truck mounted or otherwise be used as a portable or transportable tank?”

No, the DWT is designed and certified to be used as a stationary tank only.

5) “Does the DWT require normal and emergency vents?”

Depending on the local AHJ’s interpretation and adherence to national codes, the AHJ may require that the primary tank be equipped with a normal vent (normally closed pressure/vacuum vent designed to protect the tank from overpressure and vacuum while filling and emptying) and an emergency vent which opens and protects the tank against overpressure in the event of fire in proximity to the tank.

6) “Does the DWT secondary tank require emergency venting?”

The DWT includes a “closed dike” secondary tank design. It is not sealed therefore cannot be pressurized and is not configured to accommodate an emergency vent.

7) “Can the DWT be used for storage/dispensing of DEF (diesel emissions fluid)?”

Yes, the HDPE wetted surface is favorably regarded a material for storage and dispensing DEF. The outer tank has been tested for DEF exposure and has proven corrosion resistant when exposed to DEF.

8) “How many and what size connections are provided on the DWT?”

The DWT has four (4) top mounted connections with 2 inch NPT adapters in each of the tank sizes.

9) “What tank sizes are available?”

The DWT is available in 110, 165, 275 and 400 gallon sizes. There are two models available in the 275 gallon size, one lower profile to fit in low overhead areas.

10) “Can typical lube oil industry pumping and fluid handling equipment be used with the DWT?”

*Yes, any manual, pneumatic or electric pumping packages that can be installed in a 2 inch tank opening can safely be used with the DWT in accordance with local code requirements. **NOTE: PNEUMATIC AND ELECTRIC PUMP PACKAGES SHOULD BE MOUNTED ON PUMP OR HOSE REEL BRACKETS AVAILABLE FROM ROTH.***

11) “Is there a means of mounting a hose reel directly to the DWT as there is with steel tanks to facilitate fluid dispensing?”

Yes, Roth offers an accessory bracket that mounts on the DWT to provide a solid mounting base for hose reels and other accessories. Tanks equipped in this manner do require a tie down kit to insure tank stability during use of the hose reel.

12) “What are the advantages of using the Roth DWT for lubricating oil storage and dispensing?”

- *Smaller relative footprint for a given storage volume*
- *Lighter weight when empty for ease of site access and installation*
- *Immune to the internal and external corrosive effects that plague steel tanks.*
- *Integral monitored secondary containment to insure safe and environmentally responsible lubricating oil storage.*

