

FUEL TRAILERS

When fuel is transported on trailers, the container and tank specifications, labeling, marking, placarding, training, and driver's licensing requirements are the same as those in previous sections of this guide. Additional trailer-specific requirements also must be followed.

Mounting the Tank Properly—Tanks shall be bolted to metal cross bracing on the trailer—not to expanded metal mesh or wooden decking.

Roll Protection—Roll protection is not required.

Pump Installation—The pump shall be removed before the tank is transported on public roads unless the pump does not protrude above the top of the tank. Transfer Flow tanks that have a recessed housing for the pump are designed to meet this requirement (figure 111). On those tanks, the pump

does not have to be removed for transport as long as all of the following requirements are met:

- The assembly is purchased as a single unit.
- The tank only has approved gas caps manufactured by Transfer Flow.
- The tank is tested every 2.5 years with the pump attached.
- The discharge hose is emptied of all fuel before transport.
- The pump's electrical power is disconnected during transportation.

It is not necessary to remove a pump when repositioning the trailer at a burn site.

Trailer Brakes (Forest Service only)—Trailers with a gross trailer weight rating of 1,500 pounds or more shall be equipped with trailer brakes that can stop and hold the trailer. The trailer brakes must be designed so the operator can activate them independently of the vehicle's foot brakes. This requirement is based on the trailer's capacity, not on the load the trailer will be carrying. See Forest Service Handbook FSH 7109.19, section 31.3 for more details.

Trailer Inspections—The trailer shall be inspected before each use. A more thorough inspection should be performed annually. See appendix B for sample trailer inspection checklists.

Fire Extinguishers—If the tank is:

- 119 gallons or smaller:
 - At least one 5–B:C or two 4–B:C fire extinguishers must be carried on the towing unit.
- Larger than 119 gallons:
 - A minimum of one 10–B:C fire extinguisher must be carried on the towing unit.

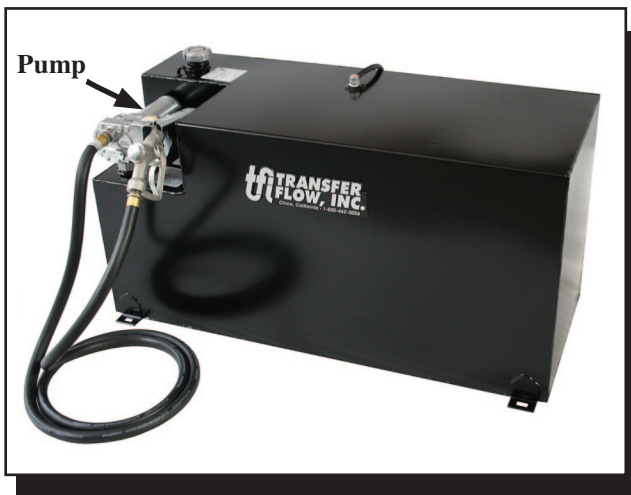


Figure 111—Transfer Flow tanks that have a recessed housing for the pump are designed so the pump does not protrude above the top of the tank. On these tanks, the pump does not have to be removed for transport as long as it meets requirements. —Photo courtesy of Transfer Flow, Inc.