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Big Water
Rigs



Mackinaw FD – Tender 5
3,500 gallon tanker
Mackinaw, Illinois

Facts and Figures...

- Tender 5 is a 2006, Precision Tank & Equipment tanker operated by the Mackinaw Fire Protection District located in Central Illinois.
- The rig is built on a Kenworth Chassis and is powered by a 330 hp Caterpillar motor.
- Tender 5 carries 3,500 gallons of water and has an 800 gpm PTO driven pump.
- The tanker is outfitted with a 12-inch rear dump, dual, 3-inch tank fill lines, and a 3,500-gallon dump tank.
- The Mackinaw FPD protects the small Village of Mackinaw and surrounding communities in Tazewell County, Illinois.

Mackinaw Tender 5



Tender 5's short wheel base makes it quite a maneuverable rig for the back country roads of Tazewell County.

Mackinaw Tender 5



The tender is outfitted with an 800 gpm PTO driven fire pump which allows it to be used as a nurse tanker if needed until a dump site operation can be set up.

Mackinaw Tender 5



PTO driven pumps are becoming more and more popular on tankers as technology improves.

Mackinaw Tender 5



The most impressive feature of Tender 5 is its 12-inch rear dump.

Mackinaw Tender 5



The 12" dump valve is a large, butterfly style valve that is manually controlled. Also – note the quick-connect fitting on the fill line – this reduces time spent making and breaking connections at the fill site.

Mackinaw Tender 5



The tanker carries hose pre-rigged with valves and fittings for fill site operations. This is another time-saving measure that helps get the fill site up and running in a shorter time frame.

Mackinaw Tender 5



The dual fill lines have built in check valves that eliminate the need for a shut-off valve – another time saving feature.

Mackinaw Tender 5



Tender 5 is a very simple rig that is set up to haul water from Point A to Point B in a very effective manner. Its 3500-gallon dump tank allows the water to be off-loaded and stored while the rig runs to get more.

Mackinaw Tender 5



And.....when the floodgate is opened – LOOK OUT!!! Tender 5 offloads its 3,500 gallons in very short order.

Mackinaw Tender 5



Again – the quick connect style fittings make a huge difference in tanker fill times.



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