

TOP FAQ

Q **What is diesel water emulsion (DWE)?**

A DWE is an EPA/CARB-approved alternative fuel that is a mixture of diesel fuel, water, and emulsifier additives.

Q **What is the X2O™ DWE system?**

A It is a high-quality onboard fuel refinery that creates diesel water emulsion on demand for class 8 trucks.

Q **What are the benefits of operating the X2O DWE system?**

A The X₂O™ system is designed to cut fuel costs ^{up to}20% as well as reduce particulate matter ^{up to}80% and lower nitrogen oxides ^{up to}55%. Performance is also enhanced because emulsified fuels reduce oil soot and wear metals and eliminate carbon and coke deposits, which extends engine life and oil change intervals.

Q **Isn't water harmful to fuel injection systems?**

A "Free water" is harmful to fuel injection systems, but emulsified fuels encapsulate water within diesel droplets safeguarding the engine from coming in contact with water.

Q **Does the engine need to be modified to accept the diesel water emulsion?**

A No modification of the engine is required. The X₂O system creates an emulsion that is completely compatible with class 8 unit injection engines. The system is also transferrable to another vehicle for continued payback.

Q **Water does not burn, so how much power does the engine lose?**

A There will be negligible loss in HP, but the X₂O enhances fuel efficiency due to improved combustion.

Q **How do you prevent the water tanks from freezing?**

A During freezing temperatures, the driver interface will instruct the driver to empty the water tank, activate water heaters, and/or add methanol or wood alcohol.

Q **Where do I get all of the water and what kind of water is required?**

A Potable water is required and available at all truck stops. A 35- or 50- gallon auxiliary water tank is included with the X₂O conversion kit.

Q **Does the X₂O™ DWE system include a warranty?**

A Fierce Fuel Systems warranties the X₂O system components for two years after installation. The X₂O will not harm your engine in any way and is covered by the warranty.