



# ozonix®

## EF10 Fact Sheet



**ecosphere**  
TECHNOLOGIES INC.

# **ozonix®**

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### **Product Overview**

The Ecosphere Ozonix® EF10 mobile, advanced oxidation frac tanks were specifically designed, developed and manufactured by Ecosphere to eliminate the use of biocide and anti-scalant in stored water for the hydraulic fracturing of a hydrocarbon bearing formation. The EF10 eliminates biocides and scale inhibitors typically used to manage microbial growth and scale deposition, providing operators with a chemical-free method of managing petroleum industry wastewaters.

The EF10 frac tank is capable of processing 10 barrels per minute (420 GPM) or more than 600 thousand gallons per day. The EF10 can be used to pre-treat raw water needed for fracturing operations or for the post-treatment of flowback and produced waters at pond sites or fixed facilities.

### **Key Properties**

- Eliminates Chemicals
- Provides Rapid On-Site Water Reclamation
- Oxidizes Contaminates, Killing Bacteria On-the-Fly
- Eliminates Costly Biocides and Scale Inhibitors
- Eliminates Waste Byproducts and Residual Pollutants
- Eliminates Separation, Transportation & Disposal Costs
- High Volume Capability Allows for Quick Turnaround Time and Efficient Utilization
- Self-Contained System Offers Minimal Mobilization and Demobilization
- Ozonix® is Environmentally Safe - Preserves Vital Natural Water Resources for Current & Future Generations

### **Product Features**

- Completely Self-Contained Mobile Frac Tank
- On-Board 60 KW Diesel Generator
- Ozonix® Reactor for Advanced Oxidation
- Flow Rates Rated for 10 Barrels / Min.
- Salinity Range Rated for 50 - 200,000 PPM
- Water Holding Capacity of 500 Barrels
- Onboard ORP Reading Measurements
- Protected By U.S. Patent No's:  
7,699,994 / 7,699,988 / 7,785,470 / 7,943,087 /  
8,318,027 / Patents Pending

