



oZONIX[®]

EF20 Fact Sheet



ecOSPHERE
TECHNOLOGIES INC.

oZONIX®

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Product Overview

The Ecosphere Ozonix® EF20 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 EF20 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 EF20 increases utilization and reduces the overall equipment footprint required to recycle and reuse water on-site and on-the-fly.

The EF20 frac tank is capable of processing 20 barrels per minute (840 GPM) or more than one million gallons per day. The EF20 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

