

Catalate™

Improving Liquid Resource & Energy Efficiency, and Reduces Emissions, Depending on Applications through the Utilization of our Patent Pending Catalytic Laser Technology, known as Catalate™.

Catalate™ is a breakthrough innovation that restructures fluid molecules using a series of proprietary complex wave frequencies for increased efficiency using photocatalytic laser technology, resulting in immediate cost savings and reduced emissions.

CB Williams Energy Group develops, manufactures, and sells the Catalate Amplifier™, a versatile inline treatment system, for large industry producers and users of liquid fuels and water, and Catalate Water™, a 100% chemical-free concentrate that can be mixed in specific dilution ratios depending on applications and volume served.

Catalate™ is non-invasive, scalable, 100% chemical free green alternative that preserves a company's existing infrastructure.

Catalate even compliments other innovative technologies taking them to higher levels of efficiency, resulting in a collaborative approach to green innovation. Look no further, Catalate is the new generation

in green technology delivering safe and low cost solutions to any company's environmental challenges – faster and better.

- **Better efficiency via breakthrough bio-energy processes**
- **Efficient**
- **Established Results**
- **Economically Viable**

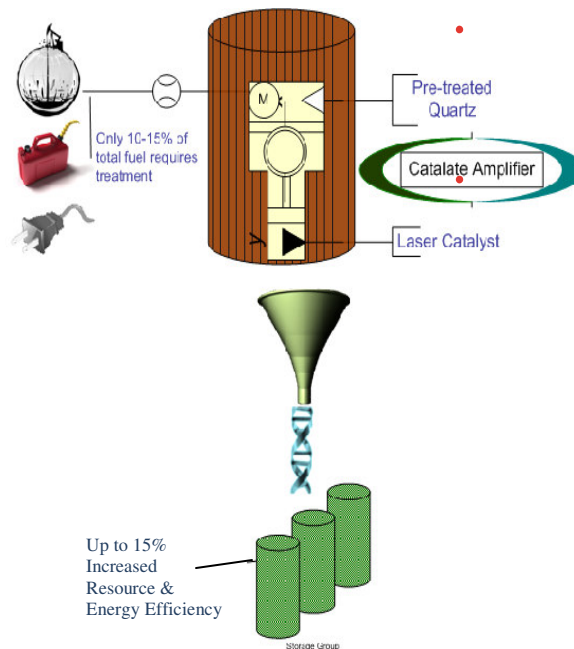
- **Molecular Laser Catalyst**
- **100% Chemical Free**
- **Uses existing infrastructure**
- **Simple**

- CB Williams:**
- **Develops & Commercializes Energy Technology**
 - **Multiple Innovations in bio-energy**
 - **Cutting Edge Innovation**

Scalable Energy Solutions

- **For Industrial users of Water & Fuel**
- **Yields up to 15% Improvement in Liquid Efficiency**
- **Up to 35% Reduction in Hydrocarbon emissions**

Patent pending Catalate Amplifier™ allows corporate and industrial energy users to decrease their overall consumption.



The Catalate Amplifier™ 100

Proof of Concept Pilots Available for Select Partners



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