

Patented Automated Butane Blending System



Improve wholesale gasoline revenues through Reid Vapor Pressure (RVP) compliance optimization and butane blending

Background

Market Need Industry estimates that in the US the refinery average RVP give away ranges between 0.1 to 0.6 psi, avg. 0.3 psi. In addition, during transportation from the refinery to the wholesale distributor the RVP value is further reduced. To recover these RVP losses profitably through newly developed technology Texon introduced their patented automated butane blending system.

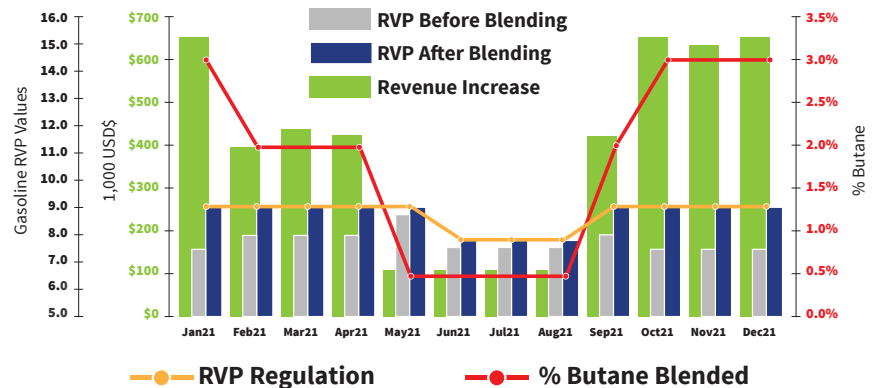
Meeting the Need Texon is currently meeting this market need in the USA, and Canada blending over 2 million bbl/year of butane operating the system with zero incidents.

Major Applications SUNOCO, who bought the patent rights for the application of the blending system in the USA has deployed just under 100 units in the USA, Texon operates with Buckeye Pipeline in the USA and Shell in Canada.



Blending Benefits

Revenue Increase Through RVP Compliance Optimization



Texon's Automated Butane Blending Systems are built to the **NFPA 58 standard** and **meet all EPA and local regulations**. Our innovative systems are not only positive for the environment by **reducing gasoline's carbon intensity**, but also by extending engine life by lowering the ignition point.

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Where Does it Apply?

Texon's turnkey system **applies to gasoline wholesale terminals** and is designed to blend butane **remotely at the truck rack** as gasoline is loaded into transports or **inline as gasoline is received into or sent out** of the wholesale terminal

How to Implement

Texon offers the application of their butane blending system through either direct sale, profit sharing, joint venture, franchise or any business model that would best fit the market conditions.

How Large is the System and How is it Constructed and Operated?

The total footprint of an integrated 20k bpd unit is only **10' x 7' x 7'**.

The system operates automatically monitoring the stream nonstop and taking samples every seven minutes. The gasoline RVP and Temperature, Liquid and Vapor (TVL) ratios are determined as well as the volumes of butane needed to maximize RVP and increase gasoline supply.

Little to no personnel intervention is needed at the terminal to operate the system. System operations and controls are monitored and operated remotely.

Under normal conditions it takes **approximately six (6) months** (permits allowing) to build, deliver and start the system.

In-country system construction is preferable when the local construction subcontractors meet Texon's technical and quality control standards and criteria.



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