

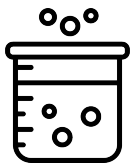


## Altiras Develops "AltiMix" Product to Fix Bad Gasoline Blends in Mexico



### THE PROBLEM

There has been a lasting shortage of gasoline in Mexico. Due to this shortage, many companies have endeavored to make their own gasoline blends to meet the ongoing demand. Unfortunately, inexperience and bad advice have led to many gasoline blends to "fall apart". This problem is caused by several octane boosting components that do not mix well with the other gasoline blending materials.



#### Fixes Phase Separation

Just add the AltiMix and mix the gasoline for a few minutes



#### Removes Cloudiness

AltiMix can remove cloudiness in many gasoline blends



#### Recovers Value

AltiMix allows customers to recover the value unsellable

### THE ALTIRAS SOLUTION

Altiras studied the problem, investigating the primary blending components causing the separation. The problem was commonly caused by certain "oxygenate" compounds, such as methanol and ethanol, that were being used to increase octane. Unfortunately, these components do not blend well with most of the other components used to make gasoline. Altiras developed AltiMix as a cost effective "binder" to hold these components together under harsh conditions ranging across most temperature and pressure ranges.

### RESULTS

AltiMix has been tested in a wide range of conditions to correct the phase separation and clarity issues in many different gasoline blends in Mexico. AltiMix can be used to fix gasoline blends and recover millions of gallons of rejected gasoline products. The product can also be custom manufactured to include or exclude oxygenates and even to help adjust Research Octane Number (RON) and Motor Octane Numbers (MON).