



MAKE SURE SOLUTIONS FOR FUEL & ENERGY

Counterfeits Drain Off Profits & Performance

The success of the energy industry depends on maintaining consistent quality of the fuel product throughout the global supply chain, particularly at the petrol station or other consumer POS.

This goal is undermined by systematic piracy: counterfeits of genuine products, dilution of the original product before it reaches the consumer, and manipulation of fuel meters to

inflate profits or evade taxes. Cutting the fuel quality usually results in poor product performance, and sometimes in public danger from damaged engines or malfunctioning fuel monitors.

In just one country where Inksure tested its technology, fuel piracy is costing the government six billion dollars a year.

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Inksure's cutting-edge covert technology has proven successful in tagging fuel products through the global supply chain, enabling brand authentication along with precise detection of dilution.

How the Technology Works

Inksure produces a secure taggant consisting of an inert organic chemical blended with the fuel. The Inksure taggant reveals its presence only to a small mobile reader dedicated to liquid Inksure applications. The liquid is instantly identified as either authentic or diluted. Inksure taggants can also be imprinted directly on fuel meter seals, to reveal evidence of tampering.

The Inksure Advantage

- The cost-effective Inksure solution provides total fuel brand protection with a concentration of just one PPM (part per million).
- The light-weight LiquidSure mobile tester performs field inspections instantly and accurately.
- Only a teaspoon of fuel is needed for a complete analysis, including the exact percentage of dilution.

- Inksure fuel additives are proven to be inert and do not affect engine performance.
- When applied as a meter seal, the Inksure taggant will last for the life of the meter, and provides forensic-level evidence even if the meter is destroyed.

The Inksure Track Record

A successful pilot project, executed in a country with a population of 70 million, dissolved Inksure's fuel taggant in its gasoline, and demonstrated the efficiency of Inksure protection at one part per million. Laboratory tests showed that engine performance was unaffected by the Inksure additive, even after more than 40,000 hours (the equivalent of 240 million kilometers).

Inksure specialists stand ready to advise you on the integration of this taggant technology into your fuel supply, energy meters and energy products, for global brand protection.

Contact us now at sales@inksure.com