

Air contamination in diesel fuel

Air contamination in diesel fuel is a far bigger problem than we in the industry realize. Gasoline suffers the same problem but not nearly as severe as diesel fuel, the Addition of Biodiesel in any amount makes the problem worse

In the marine fuel tank on the water this problem is far more severe

We have sloshing fuel in the fuel tank being aerated.

We have aerated fuel being cavitated thru the fuel pumps

We have cavitation at/in the injector

and

We have hydraulic flip at the injector when the fuel is injected

What does this mean? Well? If one thinks about it after reading this information. We can definitely come to one factual conclusion. Every fuel system ever built for an IC engine is nothing more than a poorly designed, failed and broken hydraulic system, brand new right out of the box and there is nothing we can do about it. This further increases the problem of fuel aeration and fuel cavitation in the fuel system

The only thing Oxytane does is improve the fuels air release properties. It only works in the fuel tank. Getting rid of the entrained and dissolved air improves the BTU content of the fuel. This minimizes carbon deposits and maintains engine cleanliness. This also significantly reduces the occurrence of fuel aeration and fuel cavitation. We cannot help the hydraulic flip at the injector. But if we can get the air out of the fuel faster, we can improve the efficiency of the fuel delivery system itself

Kindest Regards
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