

Official Home Fuel Oil Energizer Test

This document is the official report prepared from our company in order to inform Enviromagnetics for the response test we have received from their HFO (Fuel Oil Energizer) during our tests.

The test was to see what amount of energy we would extract from 10 liters of diesel (#2 Fuel Oil) from our boiler.



We used a calorie meter to measure what amount of energy we could extract from the same amount of fuel with and without the use of the HFO on our boiler.

The results were that there was a 22% increase of the amount of energy extracted from the same amount of fuel. The calorie meter was taking in mind the inlet and outlet temperatures of the pipe going to the heating tank which is the ΔT , and c_p is the specific heating capacity of the fluid which was pure water. M was the flow mass rate that was measured again from the calorie meter.

As a result the formula $Q = m \times C_p \times \Delta T$, showed that the HFO product from Enviromagnetics is really doing what it says.

The factory notes that savings always continues for a period of time after installation. This is known as the Stabilization Period and we did not test if for the additional period required to get the higher normal results.