



Maritime Testing

Three diesel-powered barges carrying goods in the Netherlands were tested for the effect of ENVIRO-KLEENZE™ on emissions as well as fuel economy as part of a larger test comparing the effectiveness of a variety of fuel additives. The test was carried out by researchers at Eindhoven University of Technology using onboard emissions and fuel use testing equipment.

The three barges were operated for a month to determine baseline emissions and fuel economy. Subsequently, the barges were operated with fuel dosed with ENVIRO-KLEENZE™ and operated for an additional 50 days.

Barge Emissions and Fuel Consumption, recorded as %Reduction from Baseline Values								
	%Reductions after 3 days				%Reductions after 50 days			
	NO _x	CO ₂	Soot	Fuel	NO _x	CO ₂	Soot	Fuel
Barge 1	11.8	2.4	25.0	2.4	22.0	8.5	60.5	8.5
Barge 2	41.5	3.1	34.5	3.1	50.5	8.1	55.0	8.1
Barge 3	20.0	2.1	28.0	2.1	30.0	7.0	57.5	7.0
Avg. %Reduction	24.4	2.5	29.2	2.5	34.2	7.9	51.9	7.9