Document 10a

FUEL CATALYST TECHNOLGY EVALUATION REPORT

Naval Facilities Engineering Service Center

Technical Memorandum TM-2294-AMP

Results:

21% Increase in Fuel Economy

50% to 39% reduction in Particulate Matter (PM)

a

Document 10b

FUEL CATALYST TECHNOLGY EVALUATION REPORT

Naval Facilities Engineering Service Center

Technical Memorandum TM-2294-AMP

Navy Ship "Independence"

Pearl Harbor, Hawaii to Port Hueneme, California

Results:

Engine without the Rentar consumed 9322 gallons

Engine with the Rentar Fuel Catalyst consumed 9171 gallons

A Fuel savings of 151 gallons or 1.62 %

Document 11a

DEPARTMENT OF THE ARMY

Combat Support and Combat Service Support - Warren Michigan

Letter from Project Manager, Future Tactical Systems (PM FTS)

Result: Letter stated: "you demonstrated (demonstration) was viewed as having High Potential military utility in the near term"

Document 11b

H.R. 4546 THE NATIONAL DEFENSE AUTHORIZATION ACT FY 2003

House Military appropriations bill –

Results:

Written in bill: "*Given the magnitude of potential fuel savings and emissions reductions, the committee does not understand why the Department (of Defense) has not taken advantage of this technology. The committee urges the Secretary of Defense to take immediate steps for the application of this new technology as soon as practicable."*

b

Document 12

EFFECT OF THE RENTAR IN-LINE FUEL CATALYST WHEN INSTALLED ON A CUMMINS ISM 330 ENGINES THAT POWERS A PENSKE NAVISTAR-INTERNATIONAL TRACTOR

ETS, a Division of Olson Engineering

EPA and CARB Recognized Engine Emission Laboratory

Emission and Fuel Consumption Testing When Operated Over the Urban Dynamometer Driving Sequence – Heavy Duty In Accordance With the CARB / EPA Protocol

Results:

5.1% Fuel Consumption Improvement

4.9% CO2 Carbon Dioxide Improvement

4.5% NOx Improvement

19.8 CO Carbon Monoxide Improvement

14.6 Total Hydrocarbons