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**Regarding:** Fuel, Combustion  
and Emission Science Review of Dipetane  
Testing & Promotional Materials

To whom it concerns,

I have been asked to review a body of literature on the effectiveness of Dipetane in improving engine and boiler combustion, including an assessment of the “non-additive” nature of “Dipetane Fuel Technology”.

My analysis is simply summarised: Dipetane does appear to result in an increase in fuel efficiency of approximately 4.5-15% in most instances. That is, vehicles using Dipetane appear to travel further on the same quantity of fuel than those not using Dipetane. This is accompanied by a reduction in soot and unburned hydrocarbons in the exhaust gases studied, mostly for diesel or other diffusion/mixing limited combustion device configurations, such as boilers. It is accepted combustion science that the efficiency of diesel mode combustion devices is limited by fuel/air mixing. These findings are therefore consistent with a theory of Dipetane affecting an enhanced mixing of fuel with air, allowing more complete combustion to occur, thus producing efficiency gains.

Accounted below are details of my observations, analysis and opinions from my reading of the documents supplied to me.

Sincerely

**Stephen Dooley**

## Contact