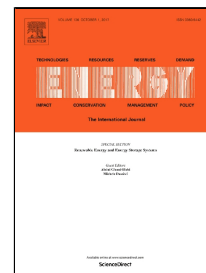


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The Effect of Different Diesterol (Diesel–Biodiesel–Ethanol) Blends on Small Air-Cooled Diesel Engine Performance and Its Exhaust Gases

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Highlights:

- Using D₉₁B₆E₃ fuel blend, engine power increased and reduced in other fuel blends.
- Using D₉₁B₆E₃ fuel blend, the highest torque was obtained.
- Most and Lowest CO and CO₂ were generated in pure diesel and D₉₁B₆E₃, respectively.
- Most and Lowest HC were generated in D₉₇B₂E₁ and D₉₁B₆E₃ respectively.
- Most NO_x are generated in D₉₁B₆E₃ and the lowest NO_x were generated in D₉₇B₂E₁.

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