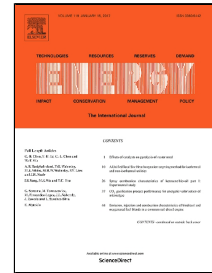


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Feasibility analysis of 100% tire pyrolysis oil in a common rail Diesel engine

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Highlights

- Innovative injection strategy for utilization of pure TPO in Diesel engines was developed
- Use of pure TPO without any hardware modifications or enhancements of fuel properties
- At least one pilot injection is needed for operation at low-mid loads
- A Diesel-like combustion of pure TPO can be achieved with the proposed injection strategy

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