

Effect of Biodiesel Blends on NO_x Emissions

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- Quantify the regulated emissions changes resulting from B20 through vehicle and engine testing
 - More specifically, address the biodiesel NO_x issue
 - Broad agreement on reductions in PM, CO and THC
 - Life cycle CO₂ emission reductions of 16% for B20
- Discussion of test results from the EPA and NREL showing effects of biodiesel on NO_x emissions
 - EPA literature review (2002) shows a 2% increase in NO_x for B20
 - However many studies, especially vehicle testing studies, do not show NO_x increasing with B20