



News Release

Town of Oakville

OAKVILLE BUSES HELP CLEAR THE AIR

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Oakville Transit is testing a new technology, the Tadger, that can reduce carbon monoxide by up to 13% and oxides of nitrogen by up to 7.4%. That's equivalent to taking 5 vehicles off the road for every Tadger installed on a bus.

Three Oakville buses have had the Tadger installed in August 2002 and early test results show significant reductions. Tadger, the short name for the Turbulating Atomizer Diesel Gas Emission Reducer, swirls the fuel. This swirling more completely burns the fuel. Turbulating, or swirling, the fuel reduces the emissions by breaking down the fuel molecules to expose all the atoms to the oxygen to increase the amount of fuel burned rather than blowing out unburned inner fuel atoms as pollution from the exhaust. This process also cuts stack soot and black smoke, and can increase fuel efficiency.

Councillor Janice Caster, Council's representative on the Transit Advisory Committee, looks forward to positive results. "One of the key priority areas for Council is environmental stewardship of our community," says Caster. "Public transit is known to reduce the congestion and pollution in our communities. Having our buses burn fuel more cleanly contributes even more to our goals," she added.

Director of Transit, Eric Pilon, is impressed not only by the potential to reduce emissions, but also by the potential for fuel efficiency. "When the Tadger Group first presented the technology to Oakville Transit, I was impressed by the reduction in emissions other firms had experienced. As we are testing the product on our buses, we're finding increased fuel efficiency as well," said Pilon.

The technology is manufactured by The Tadger Group. The Tadger was launched in 2000. To date, a number of firms including York Region Transit and Mariposa Cruise Lines have installed the Tadgers with good results. Environment Canada testing results of March 2001 show reductions of up to:

- 13% in carbon monoxide (CO),
- 2.5% in carbon dioxide (CO₂),
- 7.4% in nitrogen oxides (NO_x),
- 5.3% in hydrocarbons (HC)
- 17.9% in Particulate Matter (soot)

Councillor Jeff Knoll, on behalf of the Town of Oakville, was a participant and signatory to the Smog Summit hosted by Toronto in 2002. The Tadger test on Oakville buses adds another initiative to the Town's efforts to improve air quality.

For more information:

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