

Canadian Validation Achieved for Clean Diesel Technology

WINNIPEG, Manitoba - Nov. 27, 2017 - -- Repstar Agencies Inc., a Manitoba based company from Ile des Chenes, brought to Canada a clean diesel technology that enjoyed global recognition for its ability to reduce pollution, improve fuel economy and extend equipment life.

"The challenge we faced in Canada was the desire of local companies and municipalities wanting to see Canadian based testing and validation," says **Marc Palud**, President of **Repstar Agencies Inc.**, "even though there were already hundreds of case studies and test results from over 20 different countries since 1989 that we could reference."

In 2016, **Eco-West Canada** conducted a **Climate Change Local Action Plan (CCLAP)** for the **RM of Ritchot**. One of the report's recommendations was to evaluate options that could increase the efficiency of burning fossil fuels using a commercial grade fuel combustion improver.

Throughout 2017, multiple trials and tests were conducted in conjunction with the **Vehicle Technology and Energy Research Department at Red River College, Eco-West Canada, City of Winnipeg Parks Division** and the **RM of Hanover** to validate emission reduction efficacy and fuel economy saving capabilities of XP3.

This first test was conducted by **Red River College's Vehicle Technology and Energy Centre**. Test results showed carbon dioxide (CO₂) emissions being reduced by .456 ppm and unburned hydrocarbon (CxHy) emissions being reduced by 7.8 ppm. This provided scientific confirmation of XP3's capacity to reduce emissions, and next steps was to validate these findings in real-world applications.

By the request of **Eco-West Canada**, the **City of Winnipeg Parks Division** and the **RM of Hanover** agreed to participate in a long term 3-month study to help validate emission reduction capabilities and fuel economy savings of XP3. The **City of Winnipeg Parks Division** test results were; carbon dioxide (CO₂) emissions being reduced by 7.5%, carbon monoxide (CO) emissions being reduced by 24.5 ppm, Oxygen (O₂) being improved by 9.05% and fuel efficiency improved by an average 10.18%. The **RM of Hanover** fuel efficiency test results was an average improvement of 5.83%.

According to **Dan Powell**, Chief Analyst-Green Projects for **Eco-West Canada**, "XP3's test results shows solid performance benefits in litres-per-hour performance in fuel economy improvements and in emission reductions. Any community with greenhouse gas (GHG) reduction targets would greatly benefit from this product, as the vehicle fleet sector is (generally) the number one GHG emitter. The fact that XP3 ends up reducing fuel costs is icing on the cake."

In conclusion, **Powell** said, "With test results like these, insofar as XP3 reducing emissions and using less fuel to do the same work, it's good for the environment. And the fact that this is a product distributed by a local business makes it a nice win in terms of supporting the local economy That's practically all three of our sustainability pillars right there; economic, environmental and social."

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