

## CWSF 2008 - Ottawa, Ontario



### Gear Up For the Environment

**Division:** Engineering & Computing Sciences / Environmental Innovation

**Category:** Intermediate

**Region:**

**City:** ,

**School:**

**Abstract:** This experiment was to test a lubricant that will prolong the life of oil and motor and be environmentally friendly by reducing emissions, heat and electricity consumption while decreasing initial cost. To test this one gear box was used; the first 20 tests were done with oil only, the second set 90% oil and 10% lubricant. A 0.4% difference was discovered in power consumption.

Awards	Value
Petro-Canada Peer Innovation Award - Intermediate - Atlantic	\$200
Sponsor: Petro-Canada	
Total	\$200