


# Proven emission reduction in Ontario Canada's Drive Clean Program

Drive Clean is Ontario's mandatory vehicle emissions inspection and maintenance program that is reducing vehicle emissions of smog-causing pollutants by requiring vehicles to undergo an emissions test to identify emissions problems and have them repaired. In addition to smog-causing pollutants, Drive Clean is also reducing vehicle emissions of other chemicals, including greenhouse gases that damage our health and our environment. Through Drive Clean, we have an opportunity to make a positive contribution to the quality of our air through good vehicle maintenance, and by identifying emissions problems so that they can be corrected

([www.ene.gov.on.ca](http://www.ene.gov.on.ca) 2009).



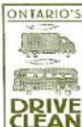


204 780 1732

Certificate Number:

ONTARIO DRIVE CLEAN PROGRAM  
HEAVY DUTY DIESEL  
VEHICLE EMISSIONS INSPECTION REPORT

Test Date/Time: 24-DEC-2007 @ 13:28



ONTARIO MINISTRY OF THE ENVIRONMENT

VEHICLE/ENGINE INFORMATION			Chassis	Engine	
Lic. Plate:	8830TM	Year:	1999	Year:	1999
VIN:	2WKPDDXJXXK955049	Make:	WESTERN STAR	Make:	DETROIT
Inspection Type:	I	Model:	CON	Model:	SERIES 60
Unit Number:	88-99	Stack Size:	5 (Inches)	Cylinders:	06
				HP Range:	Over 300

**SAE J1667 SNAP ACCELERATION EMISSIONS INSPECTION**

	Snap 1	Snap 2	Snap 3	Snap 4	Snap 5	Snap 6	Snap 7	Snap 8	Snap 9	Result	Limit
Opacity (%)	14.8	12.7	14.0							13.8	30.0
RPM	1817	1249	1301								

\* *BEFORE TREATMENT*

**BEFORE TREATMENT**

	Limit	
Zero Drift (%)	0.0	5 VALID
Spread (%)	2.1	5.0 VALID

OVERALL TEST RESULTS: **PASS**


NOTE: THIS VEHICLE IS STILL SUBJECT TO ROADSIDE ENFORCEMENT

**DRIVE CLEAN FACILITY**

DCF NAME: All North Truck Centre	REPORT NUMBER: 000407
ADDRESS: 10 Duhamel Rd.	DCF #: 2321
Lively, ON P3Y 1L4	ANALYZER #: A2047
PHONE: 7056924746	SOFTWARE VERSION: 1.46
INSPECTOR NAME: Mike . Prince	REFERENCE NUMBER: 01732

**VEHICLE EMISSIONS INSPECTION QUESTIONS**

For additional information, please contact the Drive Clean Call Centre at  
1-888-758-2999

Inspector's Signature:   
Mike . Prince



**ONTARIO DRIVE CLEAN PROGRAM  
HEAVY DUTY DIESEL  
VEHICLE EMISSIONS INSPECTION REPORT**



**Certificate Number:**  
2998810024

Test Date/Time: 16-DEC-2008 @ 10:57

ONTARIO MINISTRY OF THE ENVIRONMENT

**VEHICLE/ENGINE INFORMATION**

Lic. Plate: 8830TM	Chassis Year: 1999	Engine Year: 1999
VIN: 2WKPDDXJXXK955049	Chassis Make: WESTERN STAR	Engine Make: DETROIT
Inspection Type: I	Chassis Model: 496	Engine Model: 60 SERIES
Unit Number: 889	Std. Stack Size: 5 (inches)	Cylinders: 6
		Horsepower Range: 301 or more

**SAE J1667 SNAP ACCELERATION EMISSIONS INSPECTION**

	Snap 1	Snap 2	Snap 3	Snap 4	Snap 5	Snap 6	Snap 7	Snap 8	Snap 9	Result	Limit
Opacity (%)	9.6	9.1	9.6							9.4	30.0
RPM	1911	1934	1982								

		Limit	
Zero Drift (%)	0.0	5.0	VALID
Spread (%)	0.5	5.0	VALID

*\* 6 MONTHS AFTER TREATMENT WITH CERMA STM3 CERMA GUARD*

**OVERALL TEST RESULTS: PASS**



**NOTE: THIS VEHICLE IS STILL SUBJECT TO ROADSIDE ENFORCEMENT**

**DRIVE CLEAN FACILITY**

DCF NAME: Len's Clean Air	REPORT NUMBER: 010709
ADDRESS: 754 Goodwill Dr	STATION #: 4189
Garson, ON P3L 1E8	ANALYZER #: A2998
PHONE: 7056902750	SOFTWARE VERSION: 2.50
INSPECTOR NAME: Leonard . Gaudette	REFERENCE: 0024

**VEHICLE EMISSIONS INSPECTION QUESTIONS**

For additional information, please contact the Drive Clean Call Centre at 1-888-758-2999

Inspector's Signature:

*Leonard . Gaudette*  
Leonard . Gaudette

*14 MAR 5 21 2970*