

# INDEPENDENT LABORATORY and FIELD TESTING

CATACLEAN®

Vehicle Model: 2005 Volvo VHD Dump Truck  
VIN #: 4V5KC9VE23N337240  
Fuel: Diesel



Test Performed by: Clean Air Technologies / Montana I System  
Client: State of New York, County of Erie

TEST RESULTS	HC (PPM)	CO %
Low Idle W/O Cataclean	18.16	0.01
Low Idle With Cataclean	10.17	0.02
High Idle W/O Cataclean	17.14	0.00
High Idle With Cataclean	13.77	0.01

Combined average reduction in emissions = 25.5%



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**LIKE NOTHING ELSE!**

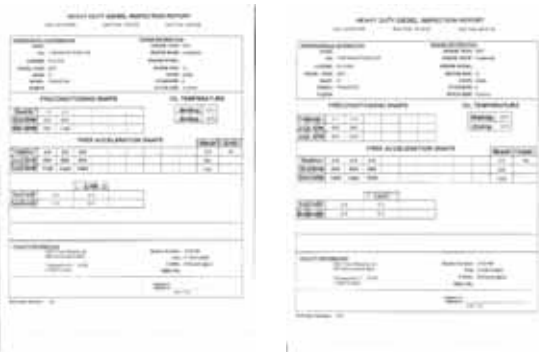
# INDEPENDENT LABORATORY and FIELD TESTING



Vehicle Cummins Transtar  
VIN #: 1HSHWAHN78J643725  
Fuel: Diesel

Test Performed by: New York State Emissions Testing Facility  
Client: AIM Leasing / Jamestown Container Fleet

TEST RESULTS	Diesel Smoke Opacity Test
Measurement Prior to Cataclean	2.8
Measurement After Cataclean	0.08
% Change	99%



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LIKE NOTHING ELSE!





ATLANTIC  
DETROIT DIESEL-ALLISON

WELCOME



# CATACLEAN™

Smoke Opacity Emissions Test

Vehicle Owner: Ferraro Foods

Vehicle Make: 2002 Freightliner 900 Diesel Truck

Engine: 90692900244564

VIN #: 1FWABPCSX3HK57424

Vehicle Miles: 236,150



Opacity Test	Before	After
Snap #1	1.9	1.4
Snap #2	2.0	1.7
Snap #3	1.9	1.8
Mean	1.9	1.6
% Change	N/A	15.7% Reduction

98 - Emission Fr  
Repair Order # 183653

Account #	Engine/Trans SN	Equip. Model	FL-70	AFA	Yes	NO
PO #	Equip. Make	Equip. VIN	1FWABPCSX3HK57424			
Name: Ferraro Foods	Miles/Hours	Del. Date				
	Cust. ID #	Eng. Model				Type: 900
	Mach #	New SN				
Phone # ( )	Contact Name					

Oil: Yes No  
 Oil: (15-40W) 13005  
 Oil: (40W) 12400  
 Gals. (Deerol)  
 Gals. (Transynd)

Warranty Return Parts: Yes No  
 AFA Location:  
 Special Instructions:

if repair is for failed rebuilt component list code # from component:

Rec'd By: \_\_\_\_\_ Date: \_\_\_\_\_

Repair Order #

Account #	Engine/Trans SN	Equip. Model	FL-70	AFA	Yes	NO
PO #	Equip. Make	Equip. VIN	1FWABPCSX3HK57424			
Name: Ferraro Foods	Miles/Hours	Del. Date				
	Cust. ID #	Eng. Model				Type: 900
	Mach #	New SN				
Phone # ( )	Contact Name					

Complaint: Smokestack  
 Oil: Y  
 Cause:  
 Correction:  
 Special:

Work Area Inspected by:  
 Please make sure you record all numbers and all labor sheets are filled out along with any authorization it's required before turning in R.O.  
 Authorization if required:  
 Customer Signature: \_\_\_\_\_ Rec'd By: \_\_\_\_\_ Date: \_\_\_\_\_