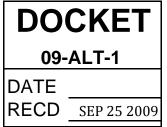


Introduction

- Committed to Gaseous Fuel Technologies Addressing Air Quality. Economic, and Energy Security Issues.
- > ESI is MY2010 CARB/EPA certified with its Phoenix NG 7.6L engine series.
- Each ESI Engine Qualifies for the Maximum \$32,000 Federal Tax Credit.
- Poised for the Growth Opportunities with Proven Products in the Global Market Place.





Tomorrow's Technology Today

Company Overview

Emission Solutions, Inc. (ESI)

- Privately Held Texas S Corporation –Founded 1998, Formed Sept, 2002 Dallas, TX
- Develops, Manufactures & Markets CARB & EPA MY2010 OEM, Heavy-Duty, CNG/LNG Engines
- Patented Technologies
- Navistar-International, Class 6,7 Trucks and School Buses with DT466e or MaxxForce® DT engines
- Food & Beverage Distribution
- Municipalities and School Districts
- Refuse









EMISSIONSOLUTIONSINC

Tomorrow's Technology Today



ENGINE SIMPLICITY

Throttle Body
 Coil per Spark plug
 33 lb passive three way catalyst
 No EGR
 Simple CNG regulator
 Open System ECU Software
 Simple wiring harness
 For replacement or new chassis



BENEFITS:

1) IRS authorized VETC (\$32,000)

- 2) Eligible for Fed/State Funding
- 3) Lowest NOx+NMHC= 0.18 g/bhp-hr
- 4) Best Power:weight ratio in its class
- 5) Extended life cycle (10 years)
- 6) No major tools or training required
- 7) No service center changes
- 8) Less Service Intervals, fuel savings



MY2010 PHOENIX NG 7.6L

Medium/Heavy-Duty Natural Gas Engine Model ESI0326 300hp (224kw)

FEATURES

- * 2010 CARB/EPA certified requiring only a maintenance-free passive three-way Catalyst and NO EGR
- * Stoichiometric, Turbocharged, closed loop adaptive learn combustion technology
- * New computerized control management (SAE J1939, J1587, ATA data links) for on-demand peak performance and emission control
- * Best power- to- weight ratio in its class
- * Designed with wet-type cylinder liners and hardened combustion components for improved heat dissipation and heat resistance and extended engine life
- * Extensive ECU operational management logs & easy-to-use diagnostic capabilities

BENEFITS

- * Lowest tailpipe emissions of ANY medium/heavy-duty engine
- * \$32,000 federal tax credit (IRS letter available)
- * Eligible for federal, state and local incentives in many states
- * Engineered with lower engine compression ratio for extended engine life
- * Improved fuel efficiency using an electronic throttle body and stoichiometric fumigation.
- * NO complex emission Aftertreatment NO costly DPF, EGR or SCR -substantially reduces maintenance costs

ENGINE SPECIFICATIONS

Horsepower Peak Torque Combustion System Displacement, Compression Ratio (NOx + NMHC Emissions) PM Emissions Aftertreatment Dry Weight Fuel Type 175-300hp 460-900 lb-ft Dedicated spark-ignited, Throttle-body injection, Turbocharged 7.6 Liters, 10.5:1 0.18 g/bhp-hr 0.01 g/bhp-hr Passive three-way Catalytic Converter 1,290 pounds CNG & LNG – Domestic fuel – validated to MN 75

2010 Technology Today *Without* Complex Exhaust Treatment



Patent No.: US 6,910,269

MAINTENANCE INTERVALS

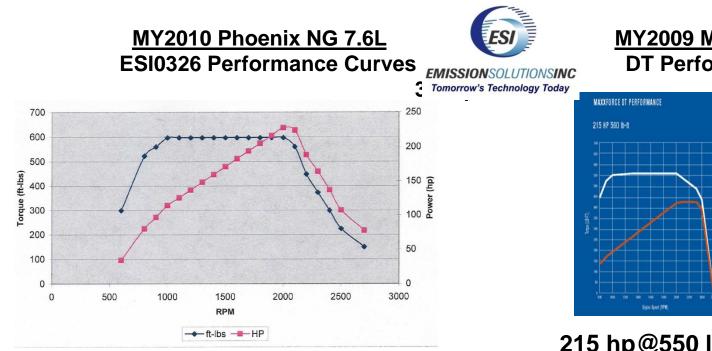
Oil and Filter: 20,000 miles or 1,000 Hours Spark Plugs: 50,000 miles or 2,000 Hours

WARRANTY*

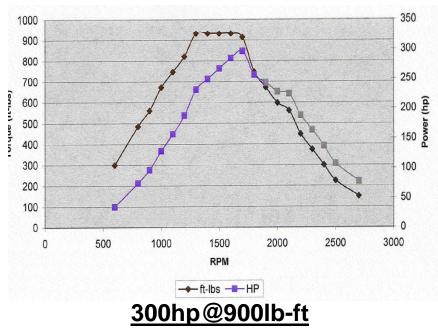
Standard two year or 4,000 hours with full parts and labor; extended warranty available * which ever occurs first

Specifications and design subject to change without notice

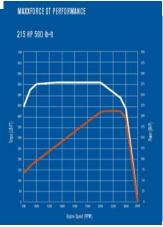
Emission Solutions, Inc 2001 Central Circle, Suite 106, McKinney, TX 75069, Phone 972-369-0099 www.emissionsolutionsinc.com info@emissionsolutionsinc.com



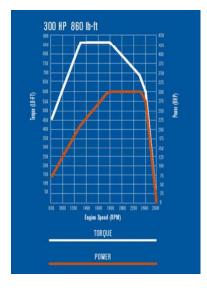
215 hp@600 lb-ft







215 hp@550 lb-ft



300 hp@860 lb-ft



Tomorrow's Technology Today

350 hp (261 kW) **Phoenix NG 9.3L** Design Specification

Durability through innovative design



Ratings: (hp/torque mapped to meet critical payloads) Combustion System After Cooler Engine Configuration Aspiration Compression Ratio Displacement

Features and Benefits

Delivers up to 350 hp with superior torque rise (up to 1,200 lb-ft) for quicker response, improved acceleration and pulling power. Designed with Wet-Type cylinder liners and cryogenically hardened combustion components for Improved heat dissipation and heat resistance to extend product and emission Life cycle. Two year parts and labor (unlimited miles).

285-350 hp

Air to Air

11.5:1 9.3 Liters

950-1,200 lb-ft

Dedicated Spark-Ignited

Four Cycle, In-Line Six

Turbocharged-Throttle Body

Fuel System

- Stoichiometric, closed loop adaptive learn technology
- Computerized control management for on demand peak performance
 and emission control
- Adaptive fuel types: CNG, LNG, Propane
- EPA/CARB Emission MY 2010 Certification: December 31, 2009

Patent No.: US 6,910,269

Emission Solutions, Inc. (ESI), 2001 Central Circle, Suite 106, McKinney, TX 75069-8230, Phone (972) 369-0099 http://www.emissionsolutionsinc.com info@emissionsolutionsinc.com

Specifications subject to change without notice





EMISSION SOLUTIONSINC

Tomorrow's Technology Today

Customer Projects

| Tulsa School District | Joe Cooper Ford | 140 | 60 |
|-------------------------------|----------------------|-----|-----|
| Great Plains Coca Cola | Joe Cooper Ford | 2 | 10 |
| Texas City ISD | Int'l Trucks Hou | 20 | 142 |
| City of Kansas City | SWIT McKinney | 19 | 50 |
| City of Dallas | SWIT Dallas | 24 | 20 |
| Anheuser Busch, NY | Syosset | 22 | 50 |
| Pepsi, SLC | Semi-Service | 1 | 100 |
| Swire Coca-Cola USA | Lake City Trucks | 1 | 20 |
| Elgin Sweeper | SWIT McKinney | 1 | 100 |
| Botanical Gardens, NY | Syosset | 1 | 10 |
| Sewer Equip. Co Of America | SWIT McKinney | 1 | 50 |
| City of Burlington, VT | J&B International | 1 | 10 |
| Navistar Escobedo | Peru | 1 | |
| Total | | 234 | 622 |



Approved Stimulus Funding Projects

| INDOT IN | | | |
|---------------------------|-----|--|--|
| INDOT, IN | 64 | | |
| Suffolk Co, NY | 48 | | |
| Ansonia SD, OH | 6 | | |
| | | | |
| Oyster Bay, NY | 49 | | |
| Nassau Co, NY | 25 | | |
| | 25 | | |
| Sysco Foods, UT | 25 | | |
| Middle Country CSD, NY | 48 | | |
| | | | |
| | | | |
| TOTAL | 265 | | |



6 Tomorrow's Technology Today

Projected New Orders 2010

| Customer | Vehicle Potential Orders 2009 | Additional Vehicle Potential |
|------------------------------------|----------------------------------|---------------------------------|
| Southern Wine | 96 | |
| Birmingham, Al | 82 | |
| | | |
| Navistar Escobedo | 50 | 250 |
| Silver Eagle Dist. | 32 | 200 |
| DC Area Dealer / Utility Refuse | 25 | |
| Philadelphia, Pa | 10 | |
| Casella Waste System | 6 | |
| Westrux Demo | 2 | 200 |
| Swire Coke, SLC | 5 | 10 |
| Pepsi Bottling Group / SLC | 5 | 100's |
| Groot Industries | 4 | 15 |
| Total | 317 | 775 |
| | | |
| Indicates Current Customer | | |



ESI Demo Projects

- Southern California: WESTRUX International Truck / Clean Energy / EnviroMech Industries and ESI. Provides Vehicles for Customer Demo's in Southern California
 - Addressing: Municipal, Food/Beverage, Construction Industry

Southern California Gas Company: Funding a Crash Test for School Buses in California.

- Required by the California Highway Patrol
- ESI to Repower School Buses in the State after Approval.



Summary

- Committed to Gaseous Fuels Technologies Addressing Air Quality, Economics, and Energy Security Issues.
- Series are MY2010 CARB/EPA cetified.
- > Each ESI Engine Qualifies for the Maximum \$32,000 Federal Tax Credit.
- Poised for Growth Opportunities with Proven Products Within The Market Place.
- PERC to Fund Development and Certification of 7.6L Propane Engine; ESI is working with CleanFuelUSA to develop this project.