NOx EMISSIONS – PROPANE AUTOGAS VS. DIESEL

MORE THAN 92% REDUCTION WHEN REPLACING PRE-2007 DIESEL BUSES WITH NEW PROPANE BUSES.

MORE THAN 11% REDUCTION WHEN PURCHASING A NEW PROPANE BUS INSTEAD OF A NEW DIESEL BUS.

MORE THAN 81% REDUCTION WHEN PURCHASING A NEW, BEST-IN-CLASS FOR NOx EMISSIONS PROPANE BUS INSTEAD OF A NEW DIESEL BUS.
PROPANE AUTOGAS EMISSIONS PROFILE

LIGHT-DUTY VEHICLES

GHG EMISSIONS
SIMILAR TO DIESEL,
14% BETTER THAN GASOLINE

NOx EMISSIONS
57% BETTER THAN DIESEL,
6% BETTER THAN GASOLINE

MEDIUM-DUTY VEHICLES

GHG EMISSIONS
7% BETTER THAN DIESEL,
27% BETTER THAN GASOLINE

NOx EMISSIONS
18% BETTER THAN DIESEL,
31% BETTER THAN GASOLINE
EMISSIONS

LESS NOISE
INVESTMENT
DEVELOPING TECHNOLOGIES
Propane Autogas
Medium-duty Options
<table>
<thead>
<tr>
<th>Brand</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROUSH Industries</td>
<td>OEM manufacturing, engineering, prototyping and design</td>
</tr>
<tr>
<td>Roush Fenway Racing</td>
<td>NASCAR racing team(s)</td>
</tr>
<tr>
<td>ROUSH Performance</td>
<td>Industry leading high performance vehicles</td>
</tr>
<tr>
<td>ROUSH CleanTech</td>
<td>Propane autogas powered commercial vehicles.</td>
</tr>
</tbody>
</table>
- Medium duty Ford trucks, chassis cabs, cutaways, and stripped chassis; and Blue Bird Type A and C school bus.
- Factory Ford warranty maintained.
- No loss of HP / torque / towing capacity.
- Serviceable with existing diagnostic equipment.
- EPA & CARB Certified.
Low NOx Certified

EPA Emissions Standard

<table>
<thead>
<tr>
<th>Year</th>
<th>Emissions (g/bhp-hr)</th>
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<tbody>
<tr>
<td>1974</td>
<td>4.0</td>
</tr>
<tr>
<td>2004</td>
<td>2.0</td>
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<tr>
<td>2007</td>
<td>0.2</td>
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<tr>
<td>2017</td>
<td>0.2</td>
</tr>
<tr>
<td>Blue Bird</td>
<td>0.05</td>
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</tbody>
</table>

Blue Bird
THANK YOU

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ROUSHcleantech.com

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