**Cat® Dynamic Gas Blending Engine Upgrade Kit**

For select 3500 petroleum generator sets in drilling and production applications

Your Engines...
Today’s Flexible Technology

Upgrade select petroleum and drilling engines to get the most from fuel combustion. Dynamic Gas Blending continuously modulates gas substitution under all transient loading to optimize fuel savings.

<table>
<thead>
<tr>
<th>Engine Model</th>
<th>3516B</th>
<th>3512B</th>
<th>3512B</th>
<th>3512C</th>
<th>3512B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>Production</td>
<td>Production</td>
<td>Drilling</td>
<td>Drilling</td>
<td>Drilling</td>
</tr>
<tr>
<td>Frequency</td>
<td>50 Hz</td>
<td>60 Hz</td>
<td>60 Hz</td>
<td>60 Hz</td>
<td>50 Hz</td>
</tr>
<tr>
<td>Speed</td>
<td>1500 rpm</td>
<td>1800 rpm</td>
<td>1200 rpm</td>
<td>1200 rpm</td>
<td>1500 rpm</td>
</tr>
<tr>
<td>Power</td>
<td>1.6 MW</td>
<td>1.3 MW</td>
<td>1477 hp</td>
<td>1477 hp</td>
<td>1757 hp</td>
</tr>
<tr>
<td>Emissions</td>
<td>NC</td>
<td>NC</td>
<td>Tier 1 / NC</td>
<td>Tier 2</td>
<td>NC</td>
</tr>
<tr>
<td>Max Gas %</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
</tr>
</tbody>
</table>

Dynamic Gas Blending automatically adjusts to changes in incoming fuel quality and pressure, allowing your engines to run on a wide variety of fuels, from associated gas to gasified LNG.

**Upgrade Overview**

- Up to 70% gas substitution
- Maintains current power and transient response
- Lower operating costs
- Flexibility to use wide range of gas quality
- Upgraded controls interface with improved diagnostic capability
- Bolt-on component installation
- Full warranty coverage
- Consolidated parts packaging
- Ease of order with one part number for the kit
- Exceptional life with genuine parts
Cat Dynamic Gas Blending Upgrade

Upgrade Features and Benefits

Sustainable Development
- Continuous Monitoring of generator output and response
  - Automatically adjusts to changing gas quality
  - Sustained gas substitution
  - Operates on a wide range of Methane number and up to 55% inerts
- Compliance for critical areas
  - Kit maintains factory emissions rating of the diesel engine while lowering overall emissions

Lower Cost of Ownership
- Gas substitution can substantially reduce fuel costs
- No change to core diesel engine components
- Maintains existing maintenance and overhaul intervals
- Improved controls capability can reduce additional infrastructure needed to operate multiple generator sets in parallel
- No recalibration needed when equipment is moved or gas supply changes

Improved Diagnostic Capability
- Upgraded to ADEM™ A4
- Descriptive diagnostic codes improve time-to-diagnose speed
- Analog gauge display allows for quick check of key engine health parameters

- ADVANTAGE
  Guaranteed for fit and function, Cat® parts have the right combination of quality and price with total support from your Cat Authorized Service Location.

- PRODUCT SUPPORT SOLUTION
  Your Cat dealer is available with genuine parts and trained experts to keep your operation up and running wherever you are, whenever you need them, for the life of your engine.

- ORDERING
  Your Cat dealer will provide details and confirmation of availability. For more information, visit www.catoilandgasinfo.com today.