

DYNAMIC GAS BLENDING™

# READY TO RAISE THE BAR.

## FOR DRILLING EXCELLENCE



The new Cat® DGB Gen 2 kit takes fleet performance to the next level – retrofitting your existing engines instead of saddling you with the cost of replacing them. It's a solution that puts efficiency first, by expanding the capabilities of your trusted 3512C fleet to help keep you on the right side of U.S. EPA regulations while reducing fuel costs.



**DYNAMIC GAS BLENDING**  
LEADING THE WAY SINCE 2012

CARD #  
**12**

DGB KIT  
**EXCELLENT TCO**



**DIESEL-LIKE  
TRANSIENT RESPONSE**  
**DGB GEN 2 KIT**

## DGB GEN 2 DELIVERS:

### FUEL SAVINGS

Achieve 70% average and 85%\* peak diesel displacement under certain conditions\*\*

### ASSET UTILIZATION

Optimize existing investments with cost-effective fuel-types

### SAME POWERFUL PERFORMANCE

Transient response performance of a diesel engine with fuel savings of dual fuel

### REDUCED EMISSIONS

Up to 40%\* GHG and 80%\* Methane Slip reduction

\* Reductions calculated based on DGB Gen 2 kit @ 70MN compared to a fumigated kit @ 85MN at 550-650 bkW operating range.


\*\* Displacement values calculated based on DGB Gen 2 kit with CNG at 0-1125 bkW operating conditions.

Note: Productive time of four engine drill rigs with access to gas supply and automated engine management systems.



# NOT JUST AN UPGRADE, A TRANSFORMATION.

The industry is changing, and efficiency is the name of the game. That's why Cat doubled down and developed a game-changing upgrade to transform your worksite. The new Cat® DGB Gen 2 kit takes your proven engines to new heights of performance and efficiency – a true transformation that keeps your total cost of operations (TCO) top of mind. It's our solution that allows you to maintain T2 EPA regulations today and helps keep you ahead of the cost of doing business for years to come.



With an unmatched sensor system, our port injected kit does more than traditional solutions to optimize your engine's fuel/air ratio – making every combustion more efficient.

## GAME-CHANGING FEATURES:

- + A shorter path from gas injection to cylinder – speeding up response to transient loads
- + Enhanced combustion control that minimizes unburned gas
- + Multi-port injectors that optimizes fuel-injection control
- + Built in telematic communications to quantify diesel displacement performance, fuel cost savings, and GHG reduction



**CONTACT YOUR LOCAL DEALER  
TO LEARN MORE ABOUT THE  
NEW CAT DGB GEN 2 KIT.**