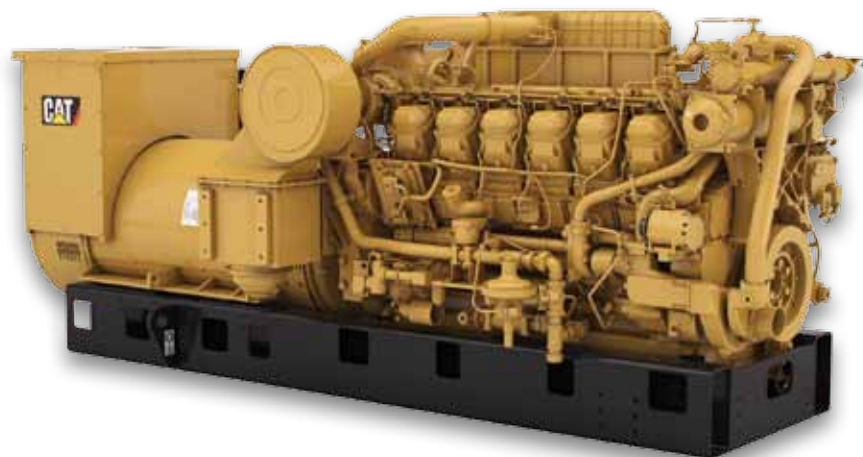


Cat® Dynamic Gas Blending Engine Upgrade Kit

For select 3500 petroleum generator sets in drilling, production, and frac applications



Your Engines... Today's Flexible Technology

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

Engine Model	3512B	3512B	3512C	3512B	3512B	3516B	3512C HD ATAAC	3512C HD SCAC
Application	Drilling	Drilling	Drilling	Production	Production	Production	Well Fracturing	Well Fracturing
Frequency	50 Hz	60 Hz	60 Hz	50 Hz	60 Hz	50 Hz		
Speed	1500 rpm	1200 rpm	1200 rpm	1500 rpm	1800 rpm	1500 rpm	1900 rpm	1900 rpm
Power	1757 hp	1476 hp	1476 hp	1.3 eMW	1.36 eMW	1.6 eMW	2250 hp / 2500 hp	2250 hp / 2500 hp
Emissions	Non-regulated	Tier 1 / Non-regulated	Tier 2 / Non-regulated	Non-regulated	Non- regulated	Non-regulated	US Tier 2	US Tier 2
Max Gas %	70	70	70	70	70	70	60	60
Transient Performance	G1 ISO8528-5	G1 ISO8528-5	G1 ISO8528-5	G1 ISO8528-5	G1 ISO8528-5	G1 ISO8528-5	N/A	N/A
Generator Mode	Standalone	Standalone	Standalone	Standalone	Standalone	Standalone	N/A	N/A

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

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.

