

CAT[®] NATURAL GAS ENGINE OIL (NGEO[™]) SPECIAL APPLICATION

**FOR ENGINES WORKING IN LANDFILL, WELL-HEAD, DIGESTER,
AND BIOGAS APPLICATIONS**



GET MORE FROM YOUR GAS ENGINE.

When optimizing performance and lowering costs are top priorities, make sure your engine is up to the challenge of working in severe environments. Specifically designed for natural gas-fueled engines operating in landfill, well-head, digester, and biogas applications, Cat[®] NGEO[™] Special Application contains additives that help extend oil life, reduce maintenance costs, and improve engine performance.

Explore the benefits of Cat NGEO Special Application:

- + **EXTEND OIL LIFE**
 - A gas power producing customer operating in the Midwest successfully extended oil drain intervals by 1.7X.
- + **REDUCE FILTER COSTS**
- + **REDUCE ENGINE COMPONENT WEAR**
- + **NEUTRALIZE SEVERE ACIDS AND CONTAMINANTS**
- + **CLEAN ENGINE AND RESIST DEPOSIT FORMATION**
- + **IMPROVE ENGINE PERFORMANCE**
- + **REDUCE DAMAGE AND POWER LOSS CAUSED BY PRE-IGNITION OR DETONATION**
- + **IMPROVE FUEL ECONOMY**
- + **LOWER YOUR ENVIRONMENTAL IMPACT**
- + **REDUCE PRODUCT, LABOR, AND DISPOSAL COSTS**



PERFORMANCE HIGHLIGHTS

- + Carefully balanced formulation to provide **extended oil life** and deliver **superior engine protection and performance**
- + Designed to significantly **increase engine cleanliness** and **control deposit formation**
- + **Successfully field tested** in a variety of engines for landfill, well-head, digester, and biogas applications
- + Extends engine oil intervals compared to typical gas engine oils for **improved productivity and engine durability** as well as **reduced downtime, manpower, and fleet service**

TOTAL CUSTOMER SOLUTIONS

Cat NGE0 Special Application helps ensure your engine delivers the performance you need to meet the demands and challenges of your application. You can keep your gas engine working efficiently and maximize the value of your investment with lower maintenance costs and longer engine component life.

Combine that with Cat filters and other services, and you'll get total care to manage your systems and drive your business forward. Take advantage of the dealer network to provide unmatched expertise and support through technology and services: **Cat Customer Value Agreements (CVA)**, **Cat Connect** and **my.cat.com**, and **Cat S-O-SSM services**.

CUSTOMER SUCCESS STORY – SAVE WITH CAT NGE0 SPECIAL APPLICATION

Wabash Valley Power Alliance has 61 Cat generator sets rated between 800-1600 kW running on landfill gas (53 3516s).

The Challenge

Caterpillar and their dealer MacAllister completed a 7,000-hour test at their Liberty 3 plant in Monticello, IN, versus the Alliance's current supplier. The challenge was to prove ability to extend drain intervals utilizing complete system solution (Cat oil, filters, S-O-S) and convert the business.

The Solution

MacAllister, with support from Caterpillar, delivered detailed results of the test and the overall dollar value potential savings using the Cat Systems Solution.

Test Results and Projected Savings

1.7x

Extended drain intervals

Product Performance

- Extended oil drains by 500 hours per engine where no siloxane or silicon issue.

14,500

Gallons saved

Sustainability

- Five fewer oil/filter changes annually per engine.
- Less waste oil being disposed of annually.

305

Fewer oil changes

Product Savings

- \$300 reduced labor cost replacing oil and filters per engine.
- 300 more work hours available per year.

\$61,000

Yearly savings

Productivity Savings

- \$1,000 per engine a year and improved component life. Expecting reduced O&M cost over life cycle of engine.

Contact your Cat dealer to get your genuine Cat NGE0 Special Application or go to parts.cat.com and select fluids.

LET'S DO THE WORK.™

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