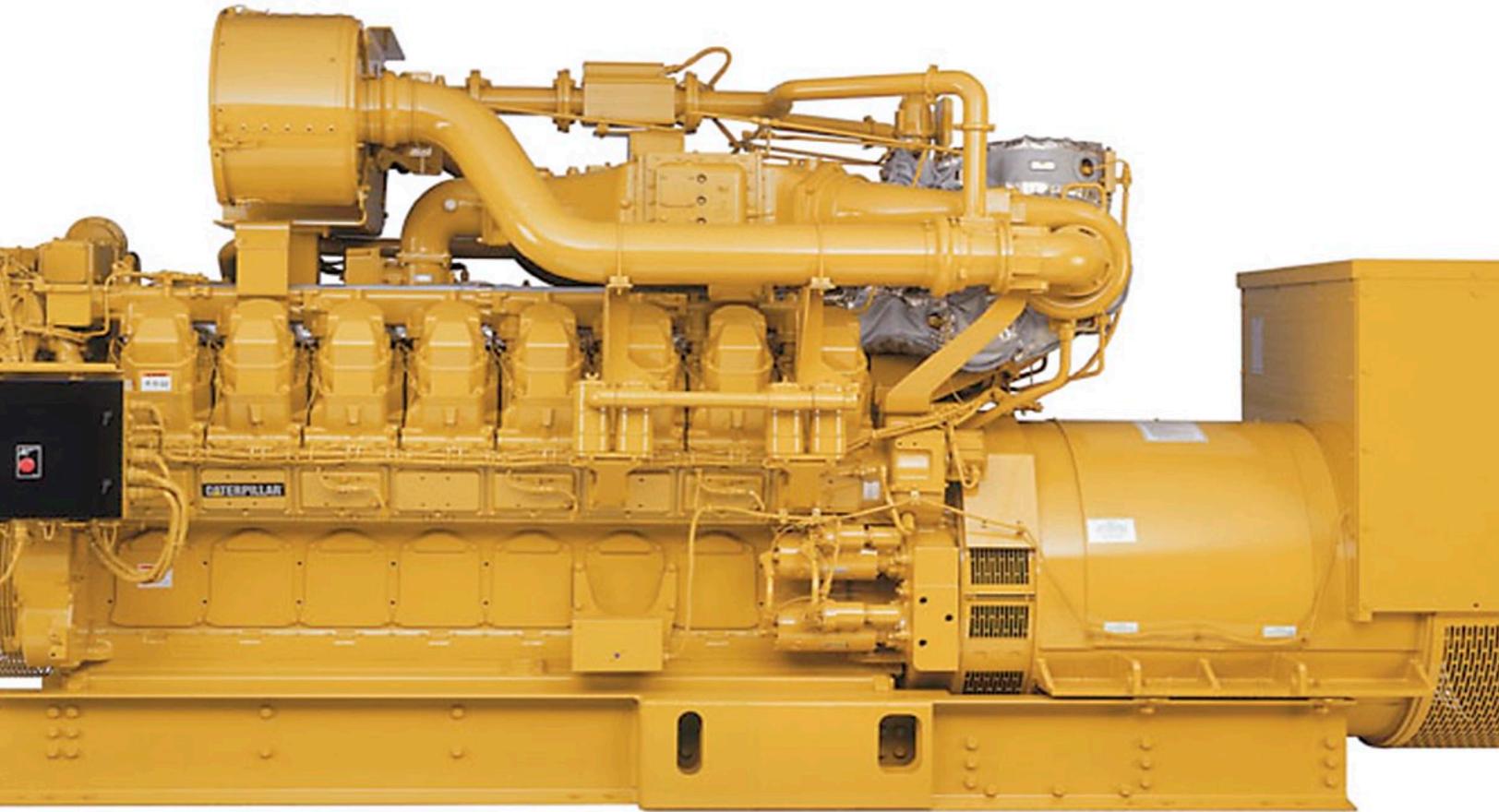


# Preventive Maintenance Products for Cat® Natural Gas Engines



## Quality—the best parts for Natural Gas Engines

Cat® filters and fluids support the durability and reliability built into every Cat Natural Gas Engine. Cat Natural Gas Engine Filters defend against engine contamination—even in the harshest operating conditions. Cat Natural Gas Engine Oils reduce internal engine wear and fully support Caterpillar's drain interval recommendations. Cat Natural Gas Engine Coolant also reduces service time while providing advanced engine protection.

### Inside Insight

Genuine Cat parts promote peace of mind when it comes to service. S•O•S<sup>SM</sup> Services goes one step further: giving you a quantified assessment of your engine's condition—and specific recommendations in easy-to-understand language.

**CATERPILLAR®**

# Preventive Maintenance Products for Cat® Natural Gas Engines



## Contamination Control

The enemy of natural gas engines is contamination from particles in the air and in the fluids that are often too small to see. Once inside your engine, contamination can affect performance and service life. Fortunately, Cat Natural Gas Engine Filters, designed as a critical component of Cat Natural Gas Engines, are a great defense against contamination.

## The Best Protection

### Cat Natural Gas Filter

Take a look inside the Cat Natural Gas Filter. You'll find:

- specially treated borosilicate glass microfibers that actively repel oil and water
- a positive o-ring seal to prevent entry of debris and particulate matter—especially important in high-soot operating conditions that tend to plug normal filters
- chemical-resistant end caps built to withstand the most punishing operating environments



### Cat Engine Lube Filter

Take a look inside the Cat Engine Lube Filter. You'll see:

- acrylic beads which keep media pleats spaced apart to ensure maximum capacity for Cat filters
- spiral roving which holds media pleats steady and allows the Cat filter to retain all of the particulates it captures
- urethane end caps that eliminate any possible leak paths around the ends of the media
- nonmetallic center tube which provides better strength and cleanliness than the metal center tubes of "will fit" filter providers



# Preventive Maintenance Products for Cat® Natural Gas Engines

## Engine-Specific Formulations

All Cat engines share some inherent similarities. But natural gas engines have unique operating characteristics—and different lubrication requirements. Designed with that in mind, Cat Natural Gas Engine Oils maximize natural gas engine performance and minimize maintenance and repair costs.

## Natural Gas Engine Oil (NGEO™ EL350) SAE 40

Proven superiority in thermal stability and resistance to oxidation and nitration. Also supports extended drain intervals compared to earlier formulations.

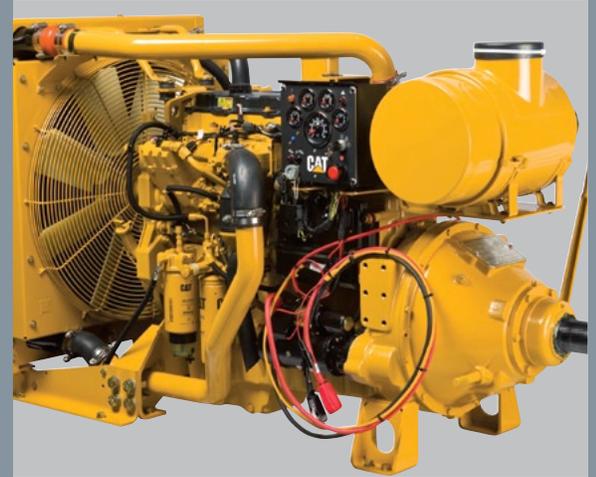
## Natural Gas Engine Coolant (NGEC)

Cat supports a wide variety of applications. Cat Natural Gas Engine Coolant provides those engines with superior protection against pitting, freezing and corrosion.

## Simple to Use

This coolant includes both organic and inorganic corrosion inhibitors along with antifoam additives. Cat Natural Gas Engine Coolant comes premixed 50/50 with deionized water and eliminates any need for supplemental cooling additives at the time of initial fill. NGEC has a typical service life of 16,000 hours or three years.

NGEC is available worldwide in a variety of package sizes.



# Preventive Maintenance Products for Cat® Natural Gas Engines

## S•O•S<sup>SM</sup> Services can help you...

### Protect the value

Cat equipment is built to deliver the highest possible performance throughout their production life. S•O•S<sup>SM</sup> Services can help you maintain performance through your equipment's life cycle.

- S•O•S<sup>SM</sup> Services are designed to identify problems before they become major repairs. Early detection is the key to reducing downtime and increasing productivity.
- Performance losses and major repairs of lubricated compartments can often be avoided by monitoring fluid samples.
- Overall, you'll get more work done at a lower cost and have equipment worth more at trade-in or sale.

### Get results fast

S•O•S<sup>SM</sup> Services allow you to test all oils and have results and recommendations available within 24 hours of receipt. Coolant results and recommendations are available within 72 hours of receipt. Receive results by:

- E-mail
- Fax
- Web
- Postal Mail

You also can receive different reports for different alert levels.

### Put results into action

S•O•S<sup>SM</sup> Services results are presented in a clear, concise, easy-to-understand report. Trained personnel provide recommendations or specific, immediate actions on each report. If a critical situation is identified, you will be notified immediately.

- Recommendations with alert levels allow you to quickly review the most critical components and prioritize your work.
- Optimize maintenance schedule.
- Optimize component life.

Protect your natural gas engine investment today. Visit us for more information on Cat Natural Gas Engine Filters, Oils and Coolant and S•O•S Services. For more on Cat natural gas engines, visit [www.cat.com](http://www.cat.com).

### CAT® DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts can help you maximize your equipment investment.



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