

CAT® NGEO™ SPECIAL APPLICATION

ENGINE OIL FOR NATURAL
GAS ENGINES OPERATING IN
BIOGAS, LANDFILL, COAL MINE,
AND WELLHEAD APPLICATIONS

Cat® engines operating in severe gas environments, such as biogas, landfill, coal mine, and wellhead applications, must combat several negative attributes while still maintaining the durability known with the Cat brand. To protect gas engines operating under these severe conditions, Caterpillar has introduced the new engine oil Cat NGEO™ Special Application. This oil is specifically designed to limit carbon formation on pistons, reduce wear on internal components, and neutralize severe acids.

DISCOVER THE DIFFERENCE

- Extends oil drain intervals compared to typical gas engine oils when following Caterpillar guidelines
- Helps significantly increase engine cleanliness and reduces deposits
- Helps reduce wear and scuffing of rings, liners, bearings, and other engine components
- Helps improve spark plug performance while protecting valve seats and faces



These benefits all add up to less oil consumption and waste, reduced labor costs, increased engine performance, and longer engine component life.



CAT NCEO SPECIAL APPLICATION

RECOMMENDED USE

Cat NCEO Special Application is formulated with leading additive technology and optimal base stock to offer engine protection for:

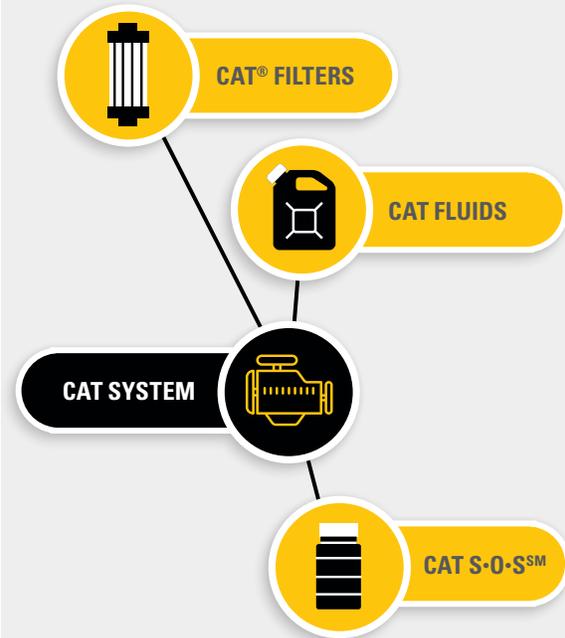
- Severe gas applications such as biogas, digester, landfill, coal mine methane, wellhead, and sour gas
- Gas engines operating with fuel containing corrosive materials such as TOH (Total Organic Halides) including fluoride and chloride, and hydrogen sulfide (H₂S)

The typical characteristics below are provided for general information about the product. They do not determine the capability or performance of an engine oil.

TYPICAL CHARACTERISTICS*

SAE Viscosity Grade	40
Flash Point, °C (ASTM D92)	268
Pour Point, °C (ASTM D97)	-21
Density @ 15.6 °C, kg/l (ASTM D1298)	0.88
Sulfated Ash, % wt (ASTM D874)	0.6
Total Base Number, mg KOH/g (ASTM D2896)	5.3
Viscosity (ASTM D445)	
Kinematic, cSt @ 40°C	137.5
Kinematic, cSt @ 100°C	15
Viscosity Index (ASTM D2270)	110

* The values shown are typical values and should not be used as quality control parameters to either accept or reject product. Specifications are subject to change without notice.



Cat filters and fluids are designed alongside Cat equipment helping ensure optimal performance and customer value.

Take A Closer Look: cat.com/filtersandfluids

HEALTH AND SAFETY

Always read and understand the Safety Data Sheet (SDS) before using this product.

For a copy of the SDS, visit us on the web at: www.catmsds.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 helps keep your entire fleet up and running to maximize your equipment investment.

