

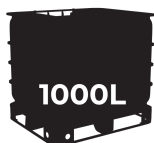
## EMPROTEC GEO NBG-L 40

**Product Code:** GEO001 | **Revision:** 20251210



Premium high-performance low ash gas engine oil.

### Available Pack Sizes



### Applications

A high-performance gas engine oil formulated with premium Group II base oils and advanced low ash additive technology. Specifically engineered to provide exceptional wear protection, extended oil drain intervals and superior engine cleanliness under severe service conditions. EMPROTEC GEO NBG-L 40 delivers outstanding base number retention to neutralise acidic combustion by-products, reducing corrosion and extending component life. Fully compatible with exhaust gas aftertreatment systems, it supports low emission operation while offering excellent deposit and sludge control. Its robust formulation ensures reliable performance in high-output stationary gas engines operating under continuous high load and elevated temperatures.

### Manufacturer Approvals

Caterpillar CG Gas Engines  
MWM TCG Gas Engines

### Recommended by Aztec Oils as suitable for the following applications

Caterpillar G3516 Tale Engines  
Cummins QSK60S  
INNIO Jenbacher Type 2, 3, 4 (versions A&B), Type 6 (versions C&E) Natural Gas (Class A)  
INNIO Jenbacher Type 2, 3, 4 (versions A&B), Type 6 (versions C&E) Biogas (Class A)  
MAN M 3271-2  
MWM Natural Gas  
MWM Biogas  
Rolls-Royce B35:40, C26:33, K-G1/G2/G3/G4  
Wärtsilä DF Engines (Up to 25% diesel)  
Wärtsilä SG Engines  
Suitable for Tendom

Suitable to use in power generation plants where a low ash content (up to 0.55%) is accepted by the manufacturer.

### Benefits

- Advanced TBN retention to improve engine durability & maintain performance.
- Excellent thermal stability at high temperatures.
- Extended drain capabilities.
- Increased protection against wear & corrosion.
- Very low piston deposit & varnish formation.

### Typical Test Data

Density @ 15°C (kg/m <sup>3</sup> )	ASTM D4052	0.88
Flash Point (°C)	ASTM D92	>230
Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)	ASTM D445	123.9
Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s)	ASTM D445	13.2

In line with our policy of continued improvement, Aztec Oils reserve the right to change specifications and availability without prior notice. This product, used according to our recommendations and for its designed application, does not represent any particular risk. The information present in this technical data sheet is indicative of the product and is given in good faith, but should not form part of any specification.

Pour Point (°C)	ASTM D97	-12
Sulphated Ash (wt%)	ASTM D874	0.5
Total Base Number (mg KOH/g)	ASTM D2896	5.7
Viscosity Index	ASTM D2207	110

The typical test data provided is taken from average values, there will be some variability in production and therefore do not constitute a specification.

## Health, Safety & Recommendations

- A Safety Data Sheet is available for consultation at [www.aztecoils.co.uk](http://www.aztecoils.co.uk).
- Before using this product, the equipments maintenance guide should be checked and oil changes must be carried out in accordance with the manufacturers' recommendations.
- NB: Engines that are being fuelled with sour gases may not benefit from low ash technology.
- Packaging should not be left exposed to elements and drums should be laid horizontally to prevent contamination.
- This product should not be stored at temperatures over 60°C, kept out of direct sunlight, protected from frost and fluctuations in temperature.
- When disposing of the product after use, please protect the environment and comply with local regulations.

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