

Product	Key Benefits	Key Applications	Fluid Technology	Viscosity Grade	TBN, mgKOH/g	Sulphated Ash %	Performance Levels
PETRONAS GEO NG	<ul style="list-style-type: none"> <li>Excellent TBN retention</li> <li>Excellent engine cleanliness</li> <li>Excellent oxidation and nitration stability</li> <li>High anti-wear and rust-protection</li> <li>Specially developed for the lubrication of a wide range of spark-ignited gas-fuelled engines in order to improve fuel-efficiency and reduce emissions</li> </ul>	Medium to high speed four-cycle engines requiring a low ash oil Engines experiencing valve face and seat wear Lean-burn and stoichiometric four-cycle engines Engines equipped with catalytic converters Applications using alternate fuels containing low levels of sulfur or chlorine	Mineral	SAE 40	5.38	0.48	Caterpillar 3500 and 3600 series GE Jenbacher Class A & B gases, Type 2, 3, 4 and 6 engines Guascor MAN MTU MWM TR-0199-99-2015 Wartsila Waukesha
PETRONAS GEO BLG	<ul style="list-style-type: none"> <li>Excellent TBN retention</li> <li>Excellent engine cleanliness</li> <li>Premium performance bio and landfill gas engine oil specially developed for bio and landfill applications</li> <li>Excellent anti-wear and anti-scuff protection</li> <li>High oxidation and nitration stability</li> <li>High rust &amp; corrosion protection</li> </ul>	Landfill gas engines containing moderate levels of halogens, siloxanes and sulphur Spark ignited four-stroke cycle gas engines where low oil consumption is required High output landfill gas engines operating at or in excess of rated capacity under high temperatures	Mineral	SAE 40	4.51	0.50	GE Jenbacher Class B & C gases, Type 2, 3, 4 and 6 engines Waukesha MAN (M3271-4)



## PROVEN EXPERTS, ALWAYS READY TO HELP!

At the heart of our services, our experts strive to give you the peace-of-mind you're looking for.

Partner with us and take your business to the next level.

For more information, please contact:

**PETRONAS**  
Fluid Technology  
Solutions™

**TAKING YOU TO THE NEXT LEVEL  
IN EFFECTIVENESS  
GAS ENGINE OILS**



**YOUR PARTNER FOR PROGRESS**

PETRONAS Lubricants International (PLI) is the global lubricant division of PETRONAS, one of the most successful petrochemical companies in the world.

Our mission is to deliver proven product technology and related services benefitting from our 100 years of experience. We believe in maximising your productivity with value-added products and services that are global, yet personal – our presence in 128 countries ensures our technical expertise reaches you wherever you are.

PLI’s differentiator is product excellence, developed by world-class Technology Centres and brought to your market with local expertise. Our passion for performance improvement makes us an obvious choice for key OEMs and delivers success in Formula One Motorsport. Now, it has translated into a comprehensive industrial product range and tailor-made services for you.



Together, let’s take your  
gas engine’s effectiveness  
to the next level.

**YOUR CHALLENGES, OUR EXPERTISE**

As the global demand for reliable energy continues to grow so does the need for effective solutions to provide this output. Most markets and products are developing quickly with new technologies being delivered to help improve reliability and output to customers around the world. Our lubricant solutions ensure excellent TBN retention, minimum levels of engine wear and excellent engine cleanliness leading to long oil life and lower overall maintenance costs.

At PLI, we understand that maximising uptime is your key challenge. That is why we have developed **Fluid Technology Solutions™**, an intelligent approach to your fluid requirements that maximises your business performance through tailor-made product offerings and expert services. Our superior solutions for Gas Engines meet the most severe industry and OEM specifications in order to deliver the performance you can rely on.



Increasing performance and protection  
Improving uptime and lowering maintenance costs

**YOUR KEY TO MAXIMISING PERFORMANCE**

Focusing our expertise, we’ve developed a comprehensive portfolio of industrial gas engine oils that serves every type of industrial application. Choose the right product for your needs and take the effectiveness of your industrial gas engine to the next level.

Gas Engine (Natural Gas)

Gas Engine (Bio and Landfill Gas)

SUPREME

PREMIUM

STANDARD

BASIC

**PETRONAS GEO NG**

- Excellent TBN retention
- Excellent engine cleanliness
- Excellent oxidation and nitration stability
- High anti-wear and rust-protection
- Specially developed for the lubrication of a wide range of spark-ignited gas-fuelled engines in order to improve fuel-efficiency and reduce emissions

**PETRONAS GEO BLG**

- Excellent TBN retention
- Excellent engine cleanliness
- Premium performance bio and landfill gas engine oil specially developed for bio and landfill applications
- Excellent anti-wear and anti-scuff protection
- High oxidation and nitration stability
- High rust & corrosion protection

First price gas engine oils

**FTS SERVICE PROGRAM – TAILOR-MADE FOR YOU**

At PETRONAS, we believe success is made by close partnerships. It is that very belief that drives us to work together with you in overcoming the challenges you face – from demands of higher productivity to operating under intense, severe conditions.

That’s why we present to you our **Fluid Technology Solutions™** Service Program – a tailor-made range of services designed to maximise your business performance. From specialised on-site analysis to emergency support for operational recovery, we are committed to assisting you in every possible situation.

Partner with us and take your business to the next level.