



## Valvoline™ GEO SNG-4

Valvoline™ GEO SNG-4 is a high-performance lubricant developed to meet the demands of the latest stationary high output, turbocharged, spark ignited natural gas and bio gas engines.

Valvoline™ GEO SNG-4 is a high-quality gas engine oil formulated with premium quality base oils and a high-performance additive system to provide outstanding protection for stationary natural gas and bio gas engines. The ash content of the oil is optimized to reduce spark plug fouling and formation of combustion chamber “hot-spots” that can lead to valve guttering, pre-ignition and knock.

### Specifications and Approvals

Valvoline™ GEO SNG-4*	
GE Jenbacher type 2, 3, 4 and 6	<i>Approved</i>
MWM (Deutz)	<i>Approved</i>
Caterpillar CG gas engines	<i>Approved</i>
Caterpillar 35XX & 36XX series engines	
Guascor	
MAN 3271-2	
MTU series 4000	
Perkins 4000 series	
Rolls Royce KG1-4, BV-G & CR-G	
Tendom	
Wartsila 34SG & 50SG	
Waukesha Cogen	

\*Check owners' manual before use.

### Applications

Recommended for stationary class A (natural) gas engines as well as Class B (bio) gas engines, including four stroke engines.

Approved by GE Jenbacher for aluminum pistons and by Caterpillar and MWM (Deutz) for use in TCG and TBC engine series.

For other engines please refer to engine manufacturer's specifications.

### Features and Benefits

#### **Strong oxidation and nitration control**

Provides excellent protection against the corrosive effects of acids.

#### **Superior protection**

Extends engine life by minimizing cylinder liner scuffing. Valvoline™ GEO SNG-4 prevents engine wear caused by scuffing which leads to excessive blow-by and oil consumption.

#### **Excellent TBN retention**

Next-generation formulation provides strong base retention while maintaining its ability to neutralize acids.

#### **Wear protection**

Strong detergent chemistry helps reduce engine wear by keeping engine components clean.

#### **Optimized Ash level**

Low ash content help minimize deposit build-up in combustion chamber, valves and pistons.

#### **Extends drains**

Longer drain intervals help maximize productivity and reduce operating costs over the engine life.

# PRODUCT INFORMATION



## Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit [www.valvoline.com.au](http://www.valvoline.com.au) or contact the Technical Hotline on 1800 804 658 for product recommendations.

## Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

Valvoline™ GEO SNG-4	Typical
SAE Viscosity Grade	40
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	13.8
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	126.5
Viscosity Index, ASTM D2270	106
Density @ 15 °C, kg/L, ASTM D4052	0.8740
Total Base Number, mg KOH/g, ASTM D2896	5.58
Sulphated Ash, wt %	0.55
Flash Point (COC), °C, ASTM D92	256
Pour Point, °C, ASTM D5950	-30

Note: Valvoline™ GEO Plus SNG-4 engine oil may be unsuitable for use in some engines, always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

Part Number	Pack Size
1401.28	208L
1401IBC	1000L

## Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website [www.valvoline.com.au](http://www.valvoline.com.au)

## Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

## Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

## Author:

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