# Havoline® Synthetic Blend – Gas SAE 10W-40



Partial-Synthetic Passenger Car Motor Oil

## Product description

**Havoline® Synthetic Blend - Gas** is a high performance, multi-grade motor oil formulated from a special blend of selected mineral oils, synthetic base fluids and matching additive technology to meet the severe operating conditions of gas powered automotive light duty engines.

### Customer benefits and product features

#### **Customer benefits**

#### Prolongs engine life

Superior thermal and oxidation resistance protects against CNG related valve deposits. Capable of extending drain interval of gas engine vehicles up to 15,000 km\*.

#### Preserves full power and performance

Provides good control of deposits, including valve and combustion chamber deposits which can cause pre-ignition in high temperature gas operations.

#### Reduces maintenance costs

Superior thermal stability and oxidation resistance provides outstanding protection against in-service oil degradation which could contributes to filter blocking and ash accumulation in the oil galleries, crankcase and valve train.

#### Lower oil consumption

Highly shear-stable formulation and synthetic blend components provide excellent control of oil flow through the ring belt area by maintaining oil viscosity and reduce oil evaporation at the elevated ring zone temperatures.

#### **Product features**

- Havoline Synthetic Blend Gas is optimized to provide complete engine protection and more superior performance as compared with motor oils formulated with conventional mineral oils.
- Havoline with Deposit Shield<sup>™</sup> is an advanced detergent formula that helps prevent deposit build up for improved oil stability and increased engine durability.
- Havoline with Deposit Shield<sup>™</sup> provides superior viscosity control that helps maintain engine power and preserve fuel economy.

\*Based on controlled field test conducted on CNG vehicles with one of Thailand's well known bus transportation company. Please check against vehicle's manual/OEM recommendation for oil drain interval.

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## **Applications**

- Spark ignition engines fuelled with gas (CNG and LPG) or fitted with gas/gasoline dual fuel systems in passenger cars or light commercial vehicles.
- High performance turbocharged and naturally aspirated gasoline engines in passenger cars

Approvals, performance and recommendations

#### **Performance standards**

API SN

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## Typical test data

HAVOLINE® SYNTHETIC BLEND - GAS	
SAE Grade	10W-40
Product Code	500202
Base no.,	
D2896, mg KOH/g	8.3
Phosphorous, m%	0.074
Sulphated Ash, m%	1.0
Viscosity,	
mm²/s @ 100°C	15.0

1504

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Produced by Chevron Global Lubricants: Asia Pacific.

ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the <u>Product Information Center</u>.

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.