



# Havoline® CNG (API SM)

## Passenger Car Motor Oil

Product Data Sheet

### Customer benefits

- **Long engine life**  
Proven metallo-organic anti-wear additive system resists wear under all operating conditions by forming a protective layer on contact surfaces. Multigrade viscosity provides additional protection against wear at start-up and under high temperature operating conditions as compared with monograde oils of similar performance.
- **Preserves power and performance**  
Metallic detergent and ashless dispersant additive system preserves power and performance by providing good control of piston and ring deposits, even under high temperature conditions. Good nitration resistance protects against CNG related valve deposits.
- **Saves on maintenance**  
Very good thermal and oxidation stability resists in-service oil degradation that contributes to filter blocking and sludge formation.
- **Logistic Simplicity**  
Single oil for fleet owners with CNG, dual-fuel and gasoline vehicles.

### Applications

- Gas-fuelled (natural gas and LPG) spark ignition engines where conventional passenger car motor oils are recommended.
- Naturally aspirated and turbocharged gasoline engines in passenger cars where API SM or lower performance oils are specified.
- Light truck gasoline engines where API SM or lower performance oils are specified
- Four-stroke gasoline engines in portable power equipment where the manufacturer recommends conventional passenger car motor oils of API SM or lower performance

### Product features:

Havoline CNG is a performance proven, shear stable SAE 20W-50 multi-grade engine lubricant, designed for use in gas fuelled (natural gas and LPG) engines in passenger car and light commercial vehicles, where the manufacturer recommends conventional motor oils of API SM performance level or lower.

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## Performance standards

- API SM
- Suitable for use also where API SL, SJ, SG, SF or SE oils are specified.

## Product specifications

HAVOLINE CNG KEY PROPERTIES	RESULTS
SAE Grade	20W-50
Product Code	500110
Base No.,	
D2896, mg KOH/g	8.3
D4739, mg KOH/g	-
Phosphorus, m %	0.078
Sulfated Ash, m %	0.89
Viscosity	
mm <sup>2</sup> /s @ 100°C	18.46

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 Lubricants; Africa, Middle East and Pakistan.

**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 [www.caltexoils.com](http://www.caltexoils.com).

For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)