Havoline® CNG SAE 20W-50

Passenger Car Motor Oil

Product description

Havoline® CNG SAE 20W-50 is a high-performance, shear-stable multigrade engine oil formulated for use in natural gas (CNG) and LPG-fuelled engines in passenger cars and light commercial vehicles. It is suitable for use in applications where SAE 20W-50 viscosity grade and API SM performance level or earlier are recommended by the vehicle manufacturer.

Deposit Shield™ Technology helps control harmful engine deposits, including piston and ring deposits, to support engine cleanliness and performance under high-temperature operating conditions.

Customer benefits

- **Helps support engine durability**
  A metallo-organic anti-wear additive system forms a protective layer on contact surfaces to help reduce component wear. The formulation also helps protect against corrosion, while its multigrade viscosity helps provide wear protection across a wide range of operating temperatures compared with monograde oils of a similar performance level, including during start-up and at high operating temperatures.

- **Helps maintain engine cleanliness and performance**
  Metallic detergents and ashless dispersants help control piston and ring deposits, including at high operating temperatures, supporting engine cleanliness and performance. Good resistance to nitration helps control deposits associated with CNG engine operation.

- **Helps support reduced maintenance costs**
  Thermal and oxidation stability helps resist oil degradation and limit sludge formation that may contribute to filter blockage, supporting lubricant performance throughout the recommended service interval.

- **Helps simplify inventory requirements**
  Havoline® CNG is suitable for a range of CNG, dual-fuel and gasoline engine applications where SAE 20W-50 and the specified performance level are recommended by the vehicle manufacturer. Its versatility can help simplify lubricant inventory requirements for suitable mixed-fleet applications.

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Applications

Gas-fuelled engines

- Natural gas (CNG) and LPG spark-ignition engines where the equipment manufacturer recommends SAE 20W-50 passenger car engine oil of the applicable performance level.

Passenger cars:

- Naturally aspirated and turbocharged gasoline engines where SAE 20W-50 and API SM performance level or earlier are specified by the vehicle manufacturer.

Light commercial vehicles

- Gasoline engines where SAE 20W-50 and API SM performance level or earlier are specified by the vehicle manufacturer.

Portable power equipment

- Four-stroke gasoline engines where the equipment manufacturer recommends SAE 20W-50 engine oil meeting API SM performance level or earlier.

Approvals, performance and recommendations

Performance Standards:

- API SM

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Typical test data

HAVOLINE CNG SAE 20W-50	TEST METHODS	RESULTS
Product Code		**500110**
Viscosity, Kinematic mm²/s @ 100°C	ASTM D445	18.46
Base Number, mg KOH/g	ASTM D2896	8.3
Phosphorous, mass %	ASTM D4951	0.078
Sulfated Ash, mass %	ASTM D874	0.89

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ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Safety Data Sheet (SDS) 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 an SDS for this product, visit the Product Information Center.

This Product Data Sheet (PDS) was produced for the Asia-Pacific region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

Customers should always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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