



# Havoline® Motor Oil

## 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.
- **Preserves power and performance**  
Metallic detergent and ashless dispersant additive system preserves power and performance by providing good control of piston and ring deposits.
- **Saves on maintenance**  
Good thermal and oxidation stability resists in-service oil degradation that contributes to filter blocking and sludge formation.

### Applications

- Passenger car and light truck gasoline engines where oils of up to API SG performance are required.
- Industrial and marine applications of passenger car type gasoline engines where oils of up to API SG performance are required.

*Not recommended for use in gasoline engines that require API SH or higher performance or ACEA-classified oils, or in any gas-fuelled (CNG or LPG) engines, in any diesel engines or in any motorcycle engines. API SG performance oils are intended for use in vehicles manufactured before 1994.*

### Performance standards

- API SG/CD

### Product features:

Quality engine oil for use in a wide range of older passenger car and light-duty commercial vehicle gasoline engines where API SG or lower performance lubricants are required and high viscosity oils are acceptable.

A Chevron company product

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## Typical test data

HAVOLINE MOTOR OIL KEY PROPERTIES	RESULTS	
<b>SAE Grade</b>	<b>20W-50</b>	<b>40</b>
<b>Product Code</b>	<b>500123</b>	<b>500118</b>
<b>Base No.,</b> D2896, mg KOH/g	7.0	7.1
<b>Phosphorus, m %</b>	0.08	0.08
<b>Sulfated Ash, m %</b>	0.95	-
<b>Viscosity,</b> mm <sup>2</sup> /s @ 40°C	174	-
mm <sup>2</sup> /s @ 100°C	19.1	14.0
<b>Viscosity Index</b>	125	-
<b>Zinc, m %</b>	0.09	0.09

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)