



Havoline® Formula SAE 15W-40

Passenger Car Motor Oil

Product Data Sheet

Customer benefits

Protection against Low Speed Pre Ignition (LSPI) events

Specially formulated to protect against LSPI occurrence in turbocharged and/or newer gasoline direct-injection vehicles, which over time reduces engine damage.

Long engine life

Proven metallo-organic anti-wear additive system protects engines under all operating conditions by providing excellent wear control. Multigrade viscosity provides additional protection against wear under high temperature operating conditions.

Maintains high power and performance

Metallic detergent and ashless dispersant additive system maintains high power and performance by providing excellent control of piston and ring deposits under high temperature conditions.

Saves on maintenance costs

High thermal stability and oxidation resistance provides excellent protection against in-service oil degradation that contributes to filter blocking and sludge formation in the oil galleries, crankcase and valve train.

Low oil consumption

Highly shear-stable viscosity index improver controls oil flow through the piston rings by maintaining high-temperature oil viscosity within the ring belt area in all services.

Applications

- Naturally aspirated gasoline engines in passenger cars and light commercial vehicles.
- Four-stroke gasoline engines in portable power equipment where the manufacturer recommends conventional passenger car motor oils.

Not recommended for use in engines that require ILSAC or ACEA-classified oils, in turbocharged engines, in CNG or LPG-fuelled engines, or in motorcycle engines.

Product features:

- **Havoline® Formula** is a highly shear-stable multigrade gasoline engine oil formulated from selected base fluids for use in passenger car and light truck engines requiring API SP or lower performance lubricants.
- **Havoline® with Deposit Shield™** is an advanced detergent formula that helps prevent deposit build up for improved oil stability and increased engine durability.
- **Havoline® with Deposit Shield™** provides superior viscosity control that helps maintain engine power and preserve fuel economy.

Typical key properties

HAVOLINE® FORMULA	
SAE Grade	15W-40
Product Code	500009
Base No. D2896, mg KOH/g	7.2
Phosphorus, m %	0.07
Sulfated Ash, m %	0.7
Viscosity mm ² /s @ 40°C	108
mm ² /s @ 100°C	14.4
Viscosity Index	135
Zinc, m%	0.08

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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Performance standards

- API SP (licensed)

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.caltex.com.

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