



# Havoline® Fully Synthetic SAE 5W-30

## Synthetic Passenger Car Motor Oil

Product Data Sheet

### Customer benefits

#### Effective Sludge Control

Synthetic base fluids and proprietary additive technology with deposit control provide effective protection against sludge, varnish and deposit buildup to keep modern engines running cleaner and stronger

#### Excellent Engine Protection

Excellent protection against wear and corrosion to help preserve engines and turbocharger durability

#### Outstanding Mitigation against Low Speed Pre-Ignition (LSPI)

Outstanding mitigation against Low Speed Pre-Ignition (LSPI) in turbocharged gasoline direct injection (GDI) engines to protect critical engine parts

#### Delivers fuel economy performance

Specially tailored viscosity characteristics and effective friction modifier minimizes internal engine frictional losses for maximum fuel economy.

#### Minimum maintenance costs

Outstanding thermal stability and oxidation resistance provide maximum protection against in-service oil degradation which contributes to minimizing maintenance costs

### Applications

- Direct-injection and turbocharged high-power density gasoline engines
- Naturally aspirated gasoline engines
- Low emission passenger car and light duty vehicle with engines fitted with latest catalytic converter or gasoline particulate filter technology
- Passenger car, SUV, MPV etc. where API SP, ILSAC GF-6A or earlier performance levels products are recommended

### Product features:

- High performance fully synthetic motor oil formulated from selected synthetic base fluids and proprietary additive technology with deposit control for use in passenger car and light truck gasoline engines under all operating conditions. It provides complete engine protection for vehicles with high performance engines, including those with direct-injection and turbochargers.



## Typical key properties

HAVOLINE® FULLY SYNTHETIC	
SAE Grade	5W-30
Product Code	500252
Base No, D2896, mg KOH/g	8.2
Sulfated Ash, m %	0.9
Phosphorus, m %	0.077
Zinc, m %	0.089
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	59.2
mm <sup>2</sup> /s @ 100°C	10.4
Viscosity Index	166

0121

## Performance and Specifications

- API **SP/RC/SN PLUS (licensed)**
- ILSAC GF-6A (licensed)
- FCA Chrysler MS-6395
- Fiat 9.55535-CR1
- Ford WSS-M2C961-A1
- General Motors 6094M

## 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](http://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