



Havoline® ProDS™ Fully Synthetic ECO 5 SAE 0W-16

Passenger Car Motor Oil

Product Data Sheet

Customer benefits

Outstanding Fuel Economy Performance

Ultra-low viscosity provides outstanding fuel economy through low fluid friction. Exceptional cold temperature properties help to provide fast lubrication, which is critical for start/stop feature in modern passenger car engines, which includes new generation of hybrid engines.

Improved visco-metric properties, creating less friction in the engine, which contributes to improved fuel economy.

Specifically tailored viscosity characteristics and effective friction modifier minimize internal engine frictional losses.

Preserves and Protects Engines

Proven metallo-organic anti-wear additive system protects engines under all operating conditions by providing excellent wear control in even the most sophisticated valve train mechanisms, including those with variable valve timing. Ultra-low viscosity, multigrade, formulation provides additional protection reduces internal engine friction. Enhanced corrosion protection ensures compatibility with gasoline/ethanol blended fuels up to and including E85.

Excellent Deposits Control and Wear Protection

Deposit shield technology works immediately upon contact with an engine's moving parts to create a protective coating that shields the engine against the deposits that lead to loss of performance. Provides excellent control of piston and ring deposits under high temperature conditions to keep engines clean. Special friction modifiers assist in reducing internal engine friction for maximum fuel economy.

Prevents engine damage, especially in turbocharged gasoline direct-injection (TGDI) engines, by providing outstanding LSPI protection.

Saves on Maintenance Costs

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

Product features:

- **Havoline ProDS Fully Synthetic ECO 5 SAE 0W-16** is an ultra-low viscosity engine oil suitable for use in gasoline and hybrid engines where such oils are recommended as those in Toyota and Honda cars and for use in gasoline passenger car engines requiring ultra-low viscosity API SN with SN Plus.
- Designed for modern start/ stop engines to provide outstanding fuel economy, exceptionally fast lubrication at cold starts, and excellent deposit control and wear protection. at all temperatures.



Extended Drain Intervals

Resists degradation between oil changes, extending the time and mileage interval between oil changes.

Low Oil Consumption

Low volatility, synthetic base oil minimizes oil loss through evaporation.

Applications

- Specially formulated for Japanese gasoline and new generation hybrid engines that are designed to operate on an SAE 0W-16 viscosity motor oil.
- Naturally aspirated and turbocharged gasoline direct injection engines in passenger cars where API SN with SN Plus, or earlier API "S" performance categories are specified.
- Passenger car spark ignition engines burning gasoline/ethanol blends up to and including E85.
- Small displacement turbo-charged engines especially those requiring low speed pre-ignition (LSPI) protection.

Not recommended for use in, diesel engines, motorcycle engines, or gasoline engines that require ACEA classified oils.

Performance standards

- API SN with SN Plus (licensed)

Product specifications

HAVOLINE® PRODS™ FULLY SYNTHETIC KEY PROPERTIES	
SAE Grade	0W-16
Product Code	500255
Base No., D2896, mg KOH/g	8.5
Phosphorus, m %	0.075
Sulphated Ash, m %	0.9
Viscosity, mm ² /s @ 100°C	7.9
mm ² /s @ 40°C	45.2
Zinc, m %	0.089

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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.

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