

Havoline® ProDS Full Synthetic SAE 10W-50

Synthetic Passenger Car Motor Oil



Product description

Havoline® ProDS Fully Synthetic is a premium performance, multigrade motor oil formulated from selected synthetic base fluids and additive technology for use in passenger car and light truck gasoline and diesel engines operating under all conditions.

Customer benefits and product features

Customer benefits

- **Maximum engine life**
Wider temperature range capability of the synthetic base fluid ensures correct oil viscosity to reduce friction at start-up, and to provide maximum lubricity during high temperature operation. The effective anti-wear additive system minimizes wear in even the most sophisticated valve train mechanisms, including those with variable valve timing.
- **Maximum power and performance**
Metallic detergent and ashless dispersant additive system ensures maximum power and performance by providing superior control of ring belt and piston skirt deposits, even under the most severe operating conditions.
- **Minimum maintenance costs**
Superior thermal stability and oxidation resistance provides maximum protection against in-service oil degradation which contributes to filter blocking and sludge formation in the oil galleries, crankcase and valve train.
- **Low oil consumption**
Synthetic, highly shear-stable formulation provides superior control of oil flow through the ring belt area by maintaining oil viscosity, and reduces oil evaporation at the elevated ring zone temperatures experienced under all operating conditions

Product features

- **Havoline® ProDS Fully Synthetic** with high viscosity grade is well suited to very high performance engines in high severity applications. It is optimized to provide complete engine protection plus ultimate performance.
- **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.

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Applications

- Naturally aspirated and turbocharged gasoline engines in passenger cars and light trucks
- Naturally aspirated and turbocharged diesel engines in passenger cars
- Four-stroke gasoline engines in portable power equipment where the manufacturer recommends conventional passenger car motor oils

Not recommended for use in gas-fuelled (CNG or LPG) engines, or in motorcycle engines.

Approvals, performance and recommendations

Performance standards

- API SN (licensed)
- ACEA A3/B4, A3/B4

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Typical test data

HAVOLINE® PRODS FULLY SYNTHETIC

SAE Grade	10W-50
Product Code	500003
Base No., D2896, mg KOH/g	9.4
Phosphorous, m%	0.096
Sulfated Ash, m %	1.1
Zinc, m%	0.11
Viscosity,	
mm ² /s @ 40°C	118
mm ² /s @ 100°C	17.5
Viscosity Index	164

1504

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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 the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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