

Havoline® ProDS Fully Synthetic SAE 5W-40



Passenger Car Motor Oil

Product description

Havoline® ProDS Fully Synthetic SAE 5W-40 is a premium performance, multigrade motor oil formulated from selected synthetic base fluids and matching additive technology for use in passenger car and light truck gasoline and diesel engines operating in all conditions.

Customer benefits and product features

Customer benefits

- **Protection against Low Speed Pre Ignition (LSPI) events**
Specially formulated to help protect against LSPI occurrence in turbocharged and/or newer gasoline direct-injection vehicles, which over time helps reduce engine damage.
- **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 metal, phosphorus and sulfur formulation extends emission system durability.
- **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 SAE 5W-40 more than meets the demand of high performance, latest technology engines. Its Deposit Shield® Technology offers outstanding wear protection for high performance engines.

Havoline[®] ProDS Fully Synthetic SAE 5W-40



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Applications

- High performance turbocharged gasoline and diesel engines in passenger cars and light commercial vehicles.

Product approvals, performance and recommendations

Performance

- API SP (licensed)
- ACEA A3/B4
- Mercedes-Benz MB-Approval 229.5
- Renault RN 0710/0700 Approval
- Approved under VW Standard 502 00 and VW Standard 505 00

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Typical test data

HAVOLINE [®] ProDS FULLY SYNTHETIC	RESULTS
SAE Grade	5W-40
Product Code	500267
Base No., D2896, mg KOH/g	10.4
Phosphorus, m %	0.112
Sulfated Ash, m %	1.3
Zinc, m %	0.122
Viscosity, mm ² /s @ 40°C	86.8
mm ² /s @ 100°C	14.4

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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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