Havoline® ProDS Fully Synthetic ECO SAE 5W-40



Passenger Car Motor Oil

Product description

Havoline® ProDS Fully Synthetic ECO SAE 5W-40 is premium fully synthetic motor oil with Deposit Shield Technology, a proprietary cleaning booster, designed to provide advanced protection that prolongs the peak performance and efficiency of high performance engines, particularly under harsh stop-and-go driving conditions, and heavy loads. It provides outstanding protection for vehicles with direct-injection and turbochargers and those that require a full synthetic motor oil.

Customer benefits and product features

Customer benefits

- Advanced protection against sludge, varnish and deposit buildup to keep modern engines running cleaner, stronger, and for longer
- Outstanding protection against wear and corrosion to help preserve engines and turbocharger durability
- Outstanding mitigation against Low Speed Pre-Ignition (LSPI) in turbocharged gasoline direct injection (GDI) engines to protect critical engine parts
- Exceptional turbocharger cleanliness protection
- Reduced evaporative oil loss at high temperature compared to conventional and part synthetic motor oils
- Provides excellent degradation control for long automaker-recommended oil change intervals

Product features

- Havoline ProDS Fully Synthetic ECO SAE 5W-40 with Deposit Shield Technology uses the latest fully synthetic base oils and advanced additives technologies including special antioxidants and friction modifiers to provide outstanding protection and performance.
- Havoline ProDS Fully Synthetic ECO SAE 5W-40 with Deposit Shield Technology exhibits outstanding
 protection against heat, pressure, corrosion, and wear while providing excellent oxidation protection and
 volatility control. It meets or exceeds the requirements of API SP.

Havoline® ProDS Fully Synthetic ECO SAE 5W-40



Passenger Car Motor Oil

Applications

Havoline ProDS Fully Synthetic ECO SAE 5W-40 with Deposit Shield technology is recommended for use in:

- Advanced, high power density and performance engines with turbochargers, gasoline direct injection
- Vehicles operating in extremely hot, or stop-and-go driving conditions
- Passenger cars, pickup trucks, SUVs and working vans in new and older vehicles
- Acura, Chrysler, FCA, Ford, GM, Honda, Mazda, Nissan and Toyota engines calling for this grade

Approvals, performance and recommendations

Havoline ProDS Fully Synthetic ECO SAE 5W-40 is licensed under API SP:

API SP Licensed

Havoline® ProDS Fully Synthetic ECO SAE 5W-40

Passenger Car Motor Oil



Typical test data

HAVOLINE® PRODS FULLY SYNTHETIC ECO		
SAE Grade		5W-40
Product Code		500064
Density at 15°C kg/l	ASTM D4052	0.8528
Kinematic Viscosity,		
mm ² /s @ 40°C	ASTM D445	61.6
mm²/s @ 100°C	ASTM D445	13.75
Viscosity Index	ASTM D2270	168
Pour Point, °C	ASTM D5950	-41
Flash Point, °C	ASTM D92	233
Phosphorous mass %	ASTM D4951	0.077
Ash, sulphated mass %	ASTM D874	0.9
Zinc, mass %	ASTM D4951	0.089

0121

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.

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 <u>Product Information Center</u>.

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.