Havoline® Formula SAE 10W-40



Passenger Car Motor Oil

Product description

Havoline® Formula is a high performance, multigrade motor oil formulated for use in passenger car and light truck gasoline and diesel engines under a wide range of operating conditions.

Customer benefits and product features

Customer benefits

Prolongs engine life

Wide temperature range capability ensures correct oil viscosity to reduce friction at start-up, and to provide effective lubricity during high temperature operation. The effective anti-wear additive system provides outstanding wear control in even the most sophisticated valve train mechanisms, including those with variable valve timing.

Preserves full power and performance

Works immediately upon contact with an engine's moving parts to create a protective coating that shields the engine against deposits preserving full power and performance. Provides excellent control of ring belt and piston skirt deposits, even under the most severe operating conditions.

• Reduces maintenance costs

Higher thermal stability and oxidation resistance provides outstanding 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

Highly shear-stable formulation provides excellent 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[®] Formula is formulated with Deposit Shield[™] to provide outstanding protection and value for cleaner, smoother running engines.
- 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 reduces maintenance costs.

Havoline® Formula SAE 10W-40



Passenger Car Motor Oil

Applications

- Naturally aspirated and turbocharged gasoline engines in passenger cars and light commercial vehicles that require SAE 10W-40 viscosity grade oils up to and including API SN or ACEA A3/B4 performance.
- Naturally aspirated and turbocharged diesel engines in passenger cars and light commercial vehicles that require SAE 10W-40 viscosity grade oils up to and including ACEA A3/B4 performance.

Not recommended for use in gasoline or diesel engines that require ACEA A1/B1, A5/B5 or C-series oils, in gasfuelled (CNG or LPG) engines or in any motorcycle engines.

Product approvals, performance and recommendations

Performance

- API SN (licensed)
- ACEA A3/B4
- MB 229.3
- RN0700/0700

Havoline® Formula SAE 10W-40



Passenger Car Motor Oil

Typical test data

HAVOLINE® FORMULA SAE 10W-40	RESULTS
SAE Grade	10W-40
Product Code	500008
Base No., D2896, mg KOH/g	10.4
Phosphorus, m %	0.11
Sulfated Ash, m %	1.3
Viscosity, mm²/s @ 40°C mm²/s @ 100°C	103 15.0
Viscosity Index	152

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