



# Havoline® Energy

High performance fuel conserving synthetic engine lubricant

Product Data Sheet



## Product description

Havoline Energy is a high performance fuel conserving synthetic 5W-30 multigrade engine lubricant, designed for use in modern gasoline and diesel passenger cars and light duty commercial vehicles.

Havoline Energy is formulated with synthetic base stocks in combination with high performance additives, including friction modifiers to promote engine durability and service life, wear protection, cold temperature performance, reduced emissions and improved fuel economy.

Havoline Energy is certified against ACEA European Oil Sequence A5/B5 and A1/B1 that describes the requirements for low friction, low viscosity lubricants for service fill of gasoline and light duty diesel engines.

## Customer benefits

- Advanced viscosity characteristics promote improved fuel economy and high performance oil film protection against engine wear
- Low volatility synthetic base stocks help reduce lubricant loss through evaporation
- Promotes lower emissions, reduced oil consumption and improved fuel efficiency throughout engine service life
- Low temperature fluidity aids rapid lubricant circulation during cold engine starts, contributing to increased engine protection
- Contributes greater wear and corrosion protection in arduous high temperature, high speed and city stop-start driving conditions
- Offers reliable protection against starting friction and heat stress, helping resist harmful varnish, sludge and deposit formation

## Product highlights:

- Advanced synthetic engine performance and protection
- Promotes improved fuel economy
- Offers high performance engine wear protection
- Contributes to lower exhaust emissions
- Low temperature engine wear resistance
- High temperature engine protection
- Selected specification standards include:
  - ACEA
  - API
  - Ford
  - Renault

A Chevron company product

All trademarks are property owned by Chevron Intellectual Property LLC.





## Applications

- Havoline Energy 5W-30 is intended for use at extended drain intervals in high performance gasoline engines and light duty diesel engines as used in passenger cars and vans. Havoline Energy 5W-30 is suitable for engines designed to be capable of using low friction oils. Consult owner manual if in doubt
- Havoline Energy 5W-30 is developed for applications that require Ford WSS-M2C-913C but the product is also backwards compatible for Ford specifications WSS-M2C-913B and WSS-M2C-913A

## Approvals, performance and recommendations

### Approvals

- Ford WSS-M2C913-C
- Renault RN 0700

### Performance

- ACEA A5/B5  
A1/B1
- API SL, CF
- Ford WSS-M2C913-A and WSS-M2C913-B



# Havoline® Energy

High performance fuel conserving synthetic engine lubricant

continued

## Typical test data

| HAVOLINE ENERGY<br>TEST            | TEST METHODS | RESULTS |
|------------------------------------|--------------|---------|
| Viscosity Grade                    |              | 5W-30   |
| Product Code                       |              | 40123.3 |
| Density, 15 °C, kg/l               | ASTM D4052   | 0.85    |
| Kinematic viscosity, 40 °C, mm²/s  | ISO 3104     | 51.0    |
| Kinematic viscosity, 100 °C, mm²/s | ISO 3104     | 9.5     |
| Viscosity Index                    | ISO 2909     | 174     |
| Pour Point, °C                     | ISO 3016     | -45     |
| Flash Point COC, °C                | ISO 2592     | 224     |

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)