



# Havoline<sup>®</sup> Energy SAE 5W-30

## Proven performance fuel efficient synthetic engine oil

### Product description

Havoline Energy SAE 5W-30 is a proven performance fuel efficient synthetic engine oil, specially formulated with advanced additive technologies to meet the Ford WSS-M2C913-D and Renault RN 0700 engine lubrication requirements.

Havoline Energy SAE 5W-30 is suitable for use in both gasoline and diesel passenger cars as well as diesel engines in light duty commercial vehicles.

### Customer benefits

- Promotes improved fuel economy and high performance engine wear protection, helping increase engine service life
- Advanced cleaning additives designed to reduce harmful deposit and sludge build-up and improve performance
- Designed for protection against wear and corrosion in high temperature, high speed driving and city stop-start conditions
- Formulated for rapid circulation in low-temperature cold-starts, offering increased engine wear protection

### Product highlights

- **Promotes improved fuel economy**
- **Formulated to resist harmful deposits and sludge**
- **Designed for wear and corrosion resistance**
- **Offers low-temperature cold-start protection**

#### Selected specification standards include:

ACEA	API
Ford	Jaguar Land Rover
Renault	

## Applications

- Havoline Energy SAE 5W-30 is suitable for gasoline and diesel passenger cars or light diesel vans. This specially designed low friction, low viscosity oil provides extended drain intervals in Europe and meets ACEA A1/B1 and A5/B5.
- Havoline Energy SAE 5W-30 is developed for applications that require Ford WSS-M2C-913D, WSS-M2C-913C but the product is also backwards compatible for Ford specifications WSS-M2C-913B and WSS-M2C-913A.
- Havoline Energy SAE 5W-30 can be used in Jaguar Land Rover and Renault cars equipped with engines that require STJLR 03.5003 and Renault RN 0700 specifications respectively.

Havoline Energy SAE 5W-30 is unsuitable for some engines. Consult owners' manual or handbook if in doubt

## Approvals, performance and recommendations

### Approvals

- Ford WSS-M2C913-C  
WSS-M2C913-D
- Jaguar Land Rover STJLR 03.5003-16

### Performance

- ACEA A5/B5, A1/B1
- API SL, CF
- Ford WSS-M2C913-B  
WSS-M2C913-A
- Renault RN 0700

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 5W-30
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15 °C, kg/l	ASTM D4052	0.85
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ISO 3104	51.0
Kinematic viscosity at 100 °C, mm <sup>2</sup> /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.

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