



# Havoline® Extra SAE 15W-40

## High performance passenger car semi-synthetic engine oil

### Product description

Havoline Extra SAE 15W-40 is a high performance, higher-ash semi-synthetic passenger car engine oil designed to meet ACEA A3/B4 specifications, and critical original equipment manufacturers (OEM) requirements.

With a premium base oil formulation in combination with a latest generation viscosity index (VI) improver, Havoline Extra SAE 15W-40 offers optimum wide temperature engine protection.

### Customer benefits

- High performance formulation helps improve vehicle up-time through extended oil drain and maintenance periods
- Premium base oils in combination with an innovative VI Improver offers good wide temperature engine protection
- Formulated with advanced cleaning additives designed to minimise harmful deposit and sludge build-up, helping extend engine life
- Provides robust year-round engine protection with reliable wear and corrosion resistance in high temperature conditions
- Designed for high speed highway and arduous stop-start city driving situations where engine temperatures become very high

### Product highlights

- **Helps improve vehicle up-time**
- **Offers wide temperature protection**
- **Formulated to minimise deposit build-up**
- **Provides wear and corrosion resistance**
- **Designed for highway and stop-start city driving**

#### Selected specification standards include:

ACEA	API
Fiat	Mercedes Benz
VW	

## Applications

- Both diesel and gasoline passenger cars requiring the latest ACEA A3/B4 and A3/B3 requirements or API SN
- Can also be used where oils are recommended meeting the former API SM/SL/SJ/SH/SG
- Year-round use in high performance gasoline passenger car engines and light van diesel engines without diesel particulate filter (DPF). For severe operating conditions where extended drain intervals are specified by the manufacturers
- Recommended for VW gasoline engines built until August 1999
- Recommended for VW IDI diesel engines without pump injectors and without diesel particulate filters (DPF)

## Approvals, performance and recommendations

### Approvals

- VW Standard 501 01/505 00

### Performance

- ACEA A3/B4 (includes A3/B3)
- API SN/CF
- Mercedes Benz MB 229.1

### Recommendations

Havoline Extra SAE 15W-40 is suitable for use in applications requiring:

- Fiat 9.55535 G2/D2

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 15W-40
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15°C, kg/l	ASTM D4052	0.875
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	108.3
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	14.4
Viscosity Index	ASTM D2270	135
Pour Point, °C	ASTM D5950	-46
Flash Point COC, °C	ASTM D92	238

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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