



# Havoline® Extra SAE 10W-40

## High performance semi-synthetic engine lubricant

### Product description

Havoline Extra SAE 10W-40 is a high performance high ash and total base number (TBN) semi-synthetic passenger car engine lubricant, designed to meet the latest ACEA A3/B4 specifications and a range of critical engine manufacturers' requirements.

Havoline Extra SAE 10W-40 is formulated with premium base oils and latest generation, high performance viscosity index (VI) improver technology.

### Customer benefits

- High performance extended drain formulation helps offer optimum engine uptime
- Premium base oil and latest generation VI improver combination promotes both cold start and high temperature engine protection
- Formulated for year-round engine performance and protection
- Advanced cleaning additives offer high ash, high TBN performance with reduced deposits and sludge, helping extend engine life
- Designed to offer wear and corrosion protection under high speed and city stop-start high temperature driving conditions

### Product highlights

- **Extended drain formulation**
- **Cold start and high temperature protection**
- **Designed to provide year-round engine performance**
- **Helps offer keep-clean engine protection**
- **Designed for high temperature driving**

#### Selected specification standards include:

ACEA	API
Fiat	Mercedes Benz
PSA	Renault
VW	

## Applications

- Suitable for 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 specifications
- Offers year-round use in high performance gasoline engines, passenger car and light van diesel engines. Suitable for use in severe operating conditions where extended drain intervals are specified by the manufacturers
- Recommended for gasoline engines under severe duty, including those incorporating leaner burn technology
- Recommended for diesel engines, including those with direct injection; with or without turbochargers. Not recommended for cars with diesel particulate filters (DPFs)
- Recommended for VW gasoline cars under severe duty and VW diesel cars without pump injectors and no DPF

## Approvals, performance and recommendations

### Approvals

- Mercedes Benz MB-Approval 229.3  
Mercedes Benz MB-Approval 226.5
- Renault RN 0700, RN 0710
- VW Standard 501 01 / 505 00

### Performance

- ACEA A3/B4 (includes A3/B3)
- API SN/CF
- PSA B71-2300

### Suitable for use

Havoline Extra SAE 10W-40 is suitable for use in applications requiring:

- Fiat 9.55535 G2/D2

## Typical test data

Test	Test Methods	Results
Viscosity Grade		SAE 10W-40
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15°C, kg/l	ASTM D4052	0.871
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	97.6
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	14.5
Viscosity Index	ASTM D2270	154
Pour Point, °C	ASTM D5950	-43
Flash Point COC, °C	ASTM D92	226

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

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