



Havoline[®] Extra SAE 10W-40

High performance synthetic blend engine lubricant

Product description

Havoline Extra SAE 10W-40 is a high performance high ash and total base number (TBN) synthetic blend passenger car engine lubricant, designed to meet 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 offers 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**
- **Year-round engine performance**
- **Keep-clean engine protection**
- **Designed for high temperature driving**

Selected specification standards include:

ACEA	API
Fiat	Mercedes Benz
PSA	Renault
Volkswagen	

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
- Renault RN 0700/0710
- Volkswagen VW 502 00 / 505 00

Performance

- ACEA A3/B4 (includes A3/B3)
- API SN/CF
- Mercedes Benz MB 226.5
- PSA B71-2300
- Volkswagen VW 501 01

Recommendations

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
Shelf Life: 60 months from date of filling indicated on the product label		
Density at 15°C, kg/l	ASTM D4052	0.867
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	102.5
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	15.0
Viscosity Index	ASTM D2270	154
Pour Point, °C	ASTM D5950	-44
Flash Point COC, °C	ASTM D92	230

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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