

# Havoline® Ultra SAE 0W-20

## High performance synthetic engine oil

#### Product description

Havoline Ultra SAE 0W-20 is a high performance synthetic engine oil designed for gasoline engines, and specifically formulated to meet ILSAC GF-5 specifications and Ford requirements for hybrid vehicles.

Havoline Ultra SAE 0W-20 is formulated with premium synthetic base oils, and advanced additive technologies designed to deliver improved fuel economy, emissions system protection and robust, reliable gasoline engine performance.

#### Customer benefits

- Advanced cleaning additives offer oxidation control, wear protection, cleanliness and acid neutralisation helping extend engine life under severe driving conditions
- · Formulated for dependable turbocharger protection
- Designed to provide enhanced fuel economy in vehicles where 0W-20 engine oils are recommended
- Low SAPS formulation helps protect three way catalysts (TWC) and minimise exhaust emissions
- Low temperature fluidity aids rapid lubricant circulation during cold start-ups, contributing to increased engine protection

### Product highlights

- Helps extend engine life under severe driving conditions
- · Formulated for dependable turbocharger protection
- · Designed to provide enhanced fuel economy
- · Low SAPS helps protect TWCs
- · Aids cold start-up engine protection

#### Selected specification standards include:

API	Chrysler
Ford	ILSAC

### **Applications**

- Havoline Ultra SAE 0W-20 is suitable for use in gasoline passenger cars, with or without turbochargers. It is not intended for use in passenger car diesel engines
- Havoline Ultra SAE 0W-20 is an especially designed low friction, low viscosity oil and covers ILSAC GF-5 typically used for Honda, Mazda and other Japanese OEMs
- Havoline Ultra SAE 0W-20 can be used in combination with gasoline containing up to 85% ethanol (E85)

Havoline Ultra SAE 0W-20 is unsuitable for some engines. Consult owners' manual or handbook if in doubt

## Approvals, performance and recommendations

#### **Performance**

• ILSAC GF-5

API

Chrysler MS-6395

Ford WSS-M2C947-A

SN

Typical test data			
Test	Test Methods	Results	
Viscosity Grade		SAE 0W-20	
Shelf Life: 60 months from date of filling indicated on the product label			
Density at 15°C, kg/l	ASTM D4052	0.850	
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	46	
Kinematic viscosity at 100°C, mm²/s	ASTM D445	8.25	
Viscosity Index	ASTM D2270	155	
Pour Point, °C	ASTM D5950	-39	
Flash Point COC, °C	ASTM D92	232	

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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