



# Havoline Energy

## SAE 0W-20

Proven performance synthetic fuel economy engine oil

### Product description

Havoline® Energy SAE 0W-20 is a proven performance mid SAPS synthetic fuel economy engine oil, specifically formulated to meet Volvo RBS0-2AE engine lubrication requirements.

Havoline Energy SAE 0W-20 is suitable for use in gasoline, diesel & hybrid passenger cars and, light duty commercial diesel engines. It is a mid SAPS oil designed for fuel economy.

### Customer benefits

- Mid SAPS formulation designed for improved fuel economy in vehicles where 0W-20 engine lubricants are recommended
- Proven anti-wear additive technology promotes robust low viscosity wear protection, extending engine service life
- Advanced cleaning additive system helps minimise deposit and sludge build-up extending engine life and maintaining fuel economy
- Low temperature fluidity promotes fast lubricant circulation and engine wear protection at cold start-ups even under arctic conditions

### Product highlights

- **Designed for improved fuel economy**
- **Promotes robust engine protection**
- **Helps minimise deposits and sludge**
- **Formulated for arctic cold start protection**

#### Selected specification standards include:

ACEA

Volvo

## Applications

- Havoline Energy SAE 0W-20 is suitable for gasoline, diesel & hybrid passenger cars or light diesel vans - with or without turbocharger°. This especially designed low friction, low viscosity A1/B1 oil provides extended drain intervals in Europe.
- Havoline Energy SAE 0W-20 is designed for the new Volvo passenger car VEA (Volvo Engine Architecture) Drive-E power train generation requiring Volvo RBS0-2AE engine oil.

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

## Approvals, performance and recommendations

### Approvals

- Volvo RBS0-2AE

### Performance

- ACEA C5, A1/B1

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 0W-20
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density, 15°C, kg/l	ASTM D4052	0.848
Visc, Kinematic, 40°C, mm <sup>2</sup> /s	ASTM D445	48.6
Visc, Kinematic, 100°C, mm <sup>2</sup> /s	ASTM D445	9.2
Viscosity Index	ASTM D2270	175
Pour Point, °C	ASTM D5950	-48
Flash Point COC, °C	ASTM D92	224

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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