



Havoline[®] Energy

SAE 0W-20

Proven performance synthetic fuel economy engine oil

Product description

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

Havoline Energy SAE 0W-20 is designed for use in diesel and gasoline passenger car engines as well as light duty commercial vehicle diesel power units, and is a low SAPS formulation, designed for fuel economy.

Customer benefits

- Low 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 a large number of gasoline and diesel passenger cars and light diesel vans - with or without turbochargers. This especially designed low friction, low viscosity oil (A1/B1 respectively C5) 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 |
| Shelf Life: 60 months from date of filling indicated on the product label | | |
| Density, 15°C, kg/l | ASTM D4052 | 0.848 |
| Visc, Kinematic, 40°C, mm ² /s | ASTM D445 | 48.6 |
| Visc, Kinematic, 100°C, mm ² /s | ASTM D445 | 9.2 |
| Viscosity Index | ASTM D2270 | 175 |
| Pour Point, °C | ASTM D5950 | -48 |
| Flash Point COC, °C | ASTM D92 | 224 |

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.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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