



HELIOS series

0W-20 V Synth

Synthetic high-performance low SAPS engine oil

Fully synthetic engine oil with reduced HTHS viscosity (High Temperature High Shear) and excellent fuel-economy properties.

This high-quality motor oil was specially developed for the use in the latest Volvo gasoline and diesel engines according to the specification VCC RBS0-2AE.

Properties and features

- Extremely low HTHS viscosity: use this oil only in engines that require a SAE 0W-20 oil
- Outstanding fuel-economy properties
- Reliable wear protection and high thermal stability even at demanding operating conditions
- Excellent flowability and low temperature behaviour
- Low SAPS technology: reduced Sulphated Ash, Phosphorus and Sulphur (SAPS) content to ensure long lasting performance of exhaust gas after-treatment systems.
- Enhanced detergent and dispersant properties for improved motor cleanliness

Use

Energy saving motor oil with extremely low HTHS-Viscosity and enhanced fuel economy properties.

Particularly recommended where the use of a fluid with specification VOLVO VCC RBS0-2AE or ACEA C5 is required.

It may **not** be used in all engines but only in those requiring a SAE 0W-20 with the specifications listed below.

Observe manufacturer's specifications and instructions before use.

Specifications / Performance level

ACEA C5
ACEA 2012: A1/B1

Volvo VCC RBS0-2AE

Technical data	Unit	Method
Density at 15°C	0.845 g/cm ³	ASTM D 1298
Viscosity at 40 °C	48.5 mm ² /s	ASTM D 445
Viscosity at 100 °C	9.2 mm ² /s	ASTM D 445
Viscosity index	175	ASTM D 2270
Viscosity at – 35°C (CCS)	5600 cP	ASTM D 5293
HTHS-viscosity	2.8 mPa·s (cP)	CEC-L-36-A-97
TBN	8.0 mgKOH/g	ASTM D 2896
Sulphated ash	0.8 % mass	ASTM D 874
Flash point C.O.C.	224 °C	ASTM D 92
Pour point	- 48 °C	ASTM D 97
NOACK evaporation loss	11.8 % mass	CEC-L-40-A-93

Health, safety and environment

ADR / SDR : Not dangerous

EU Waste List Code : 13 02 08