

# SPEC RBS0 0W20 DE



Gasoline & Diesel engine oil – VOLVO Synthese-Technologie

### TYPE OF USE

High Performance Synthese-Technologie Fuel Economy Engine Oil specially designed for VOLVO "DRIVE-E" Gasoline (VEP) and Diesel (VED) lastest generation fittled with catalytic converters and Diesel Particulates Filters (DPF).

Can be used also for OEMs requiring 0W-20 engine oil with low friction and very low HTHS (High Temperature High Shear) viscosity oil (≥ 2.6 mPa.s).

Suitable also for Gasoline engines requiring an ACEA C5 or ACEA A1/B1 standards and 0W-20 viscosity grade Fuel Economy lubricant.

Compatible with catalytic converters.

Before use always refer to the owner manual of the vehicle.

### **PERFORMANCES**

STANDARDS ACEA C5

APPROVALS VOLVO VCC RBS0-2AE (Compatible DRIVE-E series engines)

This Synthese-Technologie engine oil is exclusively formulated to lubricate the latest generation of VOLVO "DRIVE-E" Gasoline (VEP) engines and Diesel (VEP) engines.

Lastest generation of VOLVO engines type VEA (4-cylinders), whether Petrol (VEP) or Diesel (VED) versions require a very specific lubricant because they are smaller and lighter. They provide way more efforts and run at increaded temperatures, while providing the same performance levels as the old engine generations they replace.

The standard VCC RBS0-2AE is particularly demanding on the performance of Fuel Economy and associated with the ACEA C5 standard for lubricants, MOTUL SPECIFIC RBS0-2AE 0W-20 provides significant energy saving performance (up to 3.4% compare to a 15W-40 reference oil). This improved fuel economy implies lower levels of pollutants and fully satisfies commitments of manufacturers such as VOLVO for CO<sub>2</sub> reduction.

MOTUL SPECIFIC RBS0-2AE 0W-20 delivers outstanding oil film resistance, while facilitating cold start, reducing friction in the engine, maintaining the oil pressure and lowering engine operating temperatures.

Through its exceptional lubricating properties, MOTUL SPECIFIC RBS0-2AE 0W-20 provides high level of wear resistance, high temperature resistance and oxidation resistance. It reduces the formation of deposits, reduces wear and enables perfect control of oil consumption.

Anti-wear, Anti-corrosion, Anti-foam properties.



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# **RECOMMENDATIONS**

Drain interval: according to manufacturers' recommendations and to be adapted to your own use.

MOTUL SPECIFIC RBS0-2AE 0W-20 can be mixed with synthetic or mineral oils.

Before use always refer to the owner manual of the vehicle.

# **PROPERTIES**

Viscosity grade	SAE J 300	0W-20
Density at 20°C (68°F)	ASTM D1298	0.841
Viscosity at 40°C (104°F)	ASTM D445	9.0 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	9.0 mm²/s
HTHS viscosity at 150°C (302°F)	ASTM D4741	2.8 mPa.s
Viscosity Index	ASTM D2070	172.0
Flash point	ASTM D92	231.0 °C / 448.0 °F
Pour point	ASTM D97	-48.0 °C / -54.0 °F
Sulfated Ash	ASTM D874	0.80 % weight
TBN	ASTM D2896	8.0 mg KOH/g