HAFA

TECHNICAL DATA SHEET

FREEWAY PREMIUM V 0W-20 SAE 0W-20

FULLY SYNTHETIC FUEL-EFFICIENCY ENGINE OIL

APPLICATION

FREEWAY PREMIUM V 0W-20 is a very high-performance engine oil specially developed for Volvo engines requiring **VOLVO VCC RBS0-2AE** specification.
It is specifically formulated for the latest generation Volvo gasoline (VEP) and diesel (VED) engines designed to meet **Euro 6 emission standards**.
FREEWAY PREMIUM V 0W-20 is also suitable for modern Euro 6 gasoline and diesel engines requiring **ACEA C6** or **Mercedes-Benz MB 229.72** specifications.
It is additionally compatible with Ford EcoBoost 1.0L, EcoBoost I3 1.5L and Duratec Hybrid 2.5L engines, found in models such as Fiesta VII, Focus IV and Kuga III.

PERFORMANCE

Classifications:	ACEA C6-23	ACEA C5-23	
	ILSAC GF-7a	ILSAC GF-6a	
	API SQ	API SP	API SN-RC
Specifications:	Volvo VCC RBS0-2AE	Opel OV0401547- A 20	
	Fiat 9.55535-GSX	Chrysler MS-12145	STJLR 03.5006
	Ford WSS-M2C947-B1	Ford WSS-M2C-962-A1	Ford WSS-M2C954-A1
	MB 229.71	MB 229.72	

CUSTOMER BENEFITS

FUEL ECONOMY • DPF LONGEVITY

- Low ash content helps protect modern after-treatment systems.
- Outstanding cold-start performance ensures rapid lubrication at low temperatures.
- Low-viscosity formulation delivers improved fuel economy and reduced CO_2 emissions, supporting OEM targets for emissions reduction.
- Excellent shear stability maintains viscosity at both 100°C and 150°C, in line with Volvo requirements for reliable high-temperature lubrication.

***Warning:** Some engines are not designed to use this type of lubricant. Always refer to the vehicle manufacturer's owner's manual before use.*

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CERTIFIED LR ISO 9001

CHARACTERISTICS

	Method	Units	Values
Density at 15°C	*ASTM D1298*	*-*	*0.845*
Viscosity at 100°C	*ASTM D445*	*mm²/s*	*8,1*
Viscosity at 40°C	*ASTM D445*	*mm²/s*	*40.4*
Viscosity index	*ASTM D2270*	*-*	*180*
Flash point	*ASTM D93*	*°C*	*>185*
Pour point	*ASTM D97*	*°C*	*-48*

The values shown above are typical values provided for guidance only.

RECOMMENDATION

Shelf Life
36 months when stored in the original, tightly sealed packaging under normal storage conditions.
Storage Conditions
Store at ambient temperature in a clean, dry environment, protected from water, dust and moisture.
Do not store above **40°C**. Avoid exposure to direct sunlight, severe cold or significant temperature variations.

HEALTH, SAFETY AND ENVIRONMENT

Health and safety information for this product is provided in the **Safety Data Sheet (SDS)**, available upon request and on **www.hafa.fr**.
This product must not be used for any purposes other than those for which it is intended.
After use, dispose of the product in accordance with local environmental regulations.

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