

SRS ViVA 1 ecosynth FE



Mid-SAPS High Performance Low Friction Engine Oil

November 2025

Characteristics

SRS ViVA 1 ecosynth FE is a modern SAE 0W-20 mid-SAPS high performance low friction engine oil based on modern synthetic technology for gasoline and diesel engines with and without turbocharging and direct injection. The stricter requirements of the new API (American Petroleum Institute) specification SQ regarding fuel efficiency, protection against low-speed pre-ignition (LSPI), improved cleaning power, and longer durability are met with reserve. Excellent low temperature flow characteristics protect optimal the engine during the cold starting. Extreme loads and high temperatures are safely handled under all operating conditions. It ensures extremely high wear protection, significantly reduced friction losses and is extremely shear stable. By significant fuel savings, SRS ViVA 1 ecosynth FE contributes to environmental protection by reducing emissions (CO₂ reduction), but also extends the service life of OPF/GPF particulate filters by limiting the sulfate ash content in accordance with API SQ. Minimal evaporation tendency lowers the oil consumption and enables longest oil drain intervals acc. to the manufacturer's instructions.

By using SRS ViVA 1 ecosynth FE, LSPI (Low Speed Pre-Ignition) and related engine damages are avoided.

Application

SRS ViVA 1 ecosynth FE is designed for use in the latest engines, such as Diesel engines with Euro 6 (DPF) and SCR exhaust aftertreatment as well as gasoline engines with turbocharging and GPF. Because of the lowered high-temperature viscosity, the use of SRS ViVA 1 ecosynth FE is only permitted in specially designed motors. SRS ViVA 1 ecosynth FE can also be used in engines, that require engine oils in accordance with BMW Longlife 14+ and the former GM dexos2 gen.2 specifications and is backwards compatible to Volvo VCC RBSO-2AE. The change intervals may vary depending on fuel quality. The specifications and regulations of the vehicle manufacturers must be observed.

Specifications

- SAE Grade 0W-20
- ACEA C5 / C6
- API SQ, API SP (RC)
- ILSAC GF-7A, ILSAC GF-6A

Approvals

- MB-Freigabe 229.71
- MB-Freigabe 229.72
- BMW Longlife-17 FE+
- Jaguar Land Rover STJLR.03.5006

Recommendations

- Volvo VCC C6SP
- Opel / Vauxhall OV 0401547-A20
- Fiat 9.55535-GSX
- Chrysler MS-12145
- Ford WSS-M2C947-B1, WSS-M2C962-A1
- Ford WSS-M2C954-A1

SRS ViVA 1 ecosynth FE is a product of the H&R ChemPharm GmbH.

Typical Data		Test Method	SRS ViVA 1 ecosynth FE
SAE Grade		SAE J 300	0W-20
Density at 15°C	g/cm ³	DIN EN ISO 12185	0.844
Dyn. Viscosity at -35°C (CCS)	mPa s	ASTM D 5293	5,250
Kin. Viscosity at 40°C	mm ² /s	DIN EN ISO 3104	40.9
Kin. Viscosity at 100°C	mm ² /s	DIN EN ISO 3104	8.13
Viscosity Index (VI)		DIN ISO 2909	178
Flash Point COC	°C	DIN EN ISO 2592	238
Pour Point	°C	ASTM D 5950	-54

The above values may vary within the commercial limits.

Made in Germany

