cyclon® ENGINEERED TO PERFORM

TECHNICAL PRODUCT SHEET

EVO STL LL 5W—30

DESCRIPTION

EVO STL LL is engineered to meet the demanding Stellantis FPW9.55535/03 specification, developed with Low-SAPS technology to deliver excellent fuel economy, strong engine protection, and consistent performance in modern gasoline, LPG, and diesel Euro 5 and Euro 6 engines equipped with turbochargers and direct-injection systems requiring a mid-SAPS lubricant.

APPLICATIONS

EVO STL LL performs reliably under severe hybrid operating conditions, including frequent stop/start cycles and high-pressure cold starts. Suitable for Stellantis brands such as Peugeot, Citroën, Opel, Fiat, Jeep, and DS Automobiles, it meets and exceeds the requirements of PSA B71 2290 and PSA B71 2297 for hot-climate gasoline and diesel applications.

SPECIFICATIONS

ACEA	C3	PSA	B71 2297
Stellantis	FPW9.55535/03	PSA	B71 2290

PROPERTIES

EVO STL LL provides full aftertreatment protection, ensuring reliable performance and durability of emission-control devices such as DPF, GPF, and SCR systems. Its excellent low-temperature fluidity supports rapid lubrication during cold starts, reducing wear and improving engine responsiveness. The optimized low-viscosity profile enhances fuel economy and contributes to lower CO_2 emissions, delivering efficient operation while maintaining robust protection for modern engines under a wide range of operating conditions.

BENEFITS

EVO STL LL formula delivers outstanding wear protection and high resistance to Low-Speed Pre-Ignition (LSPI), ensuring reliable performance in modern high-efficiency engines. Its advanced additive system extends particulate-filter service life by minimizing ash formation and deposit buildup, while providing optimum protection for critical engine components under severe operating conditions. Optimized chemistry enhances engine resistance to stress, supports cleaner combustion, and helps maintain long-term durability and operational efficiency.

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v1.JAN26

Produced and Packaged in E.U.
cyclon-lpc.com

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PHYSICAL-CHEMICAL CHARACTERISTICS

EVO STL LL	METHOD	SAE 5W-30
Density at 15°C, g/cm^3	ASTM D4052	0.846
Dynamic viscosity, °C/cP	ASTM D5293	-30°C/5,300
Viscosity, Kinematic (cSt) 100°C	ASTM D445	11.5
Viscosity, Kinematic (cSt) 40°C	ASTM D445	65.4
Viscosity index	ASTM D2270	172
TBN, mgKOH/g	ASTM D2896	9.2
Flash point, COC, °C	ASTM D92	240
Pour point, °C	ASTM D97	-41
HTHS Viscosity @150oc, cP	ASTM D4683	3.52

The abovementioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.

HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).

USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.