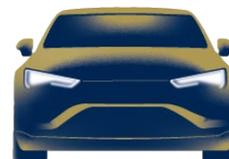


TECHNICAL PRODUCT SHEET

EVO T-FE 0W—16



DESCRIPTION

EVO T-FE is a fully synthetic, ultra-low-viscosity lubricant engineered to meet the demanding thermal and mechanical requirements of next-generation Asian OEM petrol and hybrid powertrains operating on SAE 0W-16 oil. Its advanced TriboACT[®] Formula enhances boundary-film strength and friction-modification efficiency, delivering superior wear protection for highly loaded valve-train components, timing systems, and low-tension piston assemblies. The optimized base-oil blend provides exceptional oxidative stability and low-temperature fluidity, ensuring rapid oil circulation during cold starts and consistent lubrication under high operating temperatures typical of hybrid duty cycles. The formulation demonstrates strong performance in OEM fuel-economy and durability testing, offering measurable reductions in parasitic losses, stable viscosity retention over extended drain intervals, and robust LSPI-mitigation characteristics for modern high-compression, downsized engines. This makes SYN T-FE a technically advanced solution for maximizing efficiency, cleanliness, and long-term engine reliability in contemporary Asian passenger vehicles.

APPLICATIONS

EVO T-FE is engineered as a fully synthetic, ultra-low-viscosity lubricant suitable for a broad spectrum of modern gasoline engines, including turbocharged, direct-injection, and hybrid architectures, used across passenger cars, SUVs, vans, and light-duty trucks. Its friction-optimized formulation supports enhanced fuel-economy performance while maintaining robust protection for high-temperature, high-shear engine zones typical of hybrid operating cycles. Designed primarily for Asian OEM requirements, it also meets the lubrication needs of select American manufacturers such as Ford, Chrysler, Toyota, Lexus, and Kia. The oil's controlled volatility and advanced additive chemistry ensure compatibility with catalytic converters and stable operation with alternative fuels including ethanol-blended petrol, LPG, and CNG. This makes EVO T-FE a technically versatile service-fill option for engines requiring a low-viscosity, high-efficiency lubricant, provided that the vehicle manufacturer's specifications are always consulted prior to use.

SPECIFICATIONS

API	SQ	ILSAC	GF-6B
API	SP RC (Approved)	ILSAC	GF-7B
API	SN Plus (Approved)		

PROPERTIES

EVO T-FE is a fully synthetic lubricant fortified with TriboACT[®] technology to ensure strong mechanical protection and long-term engine cleanliness. Its thermally stable base oils resist oxidation and maintain film strength under high-temperature, high-shear conditions. A robust detergent-dispersant system prevents sludge and varnish, while corrosion inhibitors protect against moisture and fuel dilution, ensuring durable performance in modern gasoline and hybrid engines.



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BENEFITS

EVO T-FE delivers a stable, high-temperature lubrication film for reliable protection during high-load and hybrid-specific thermal cycling. Its ultra-low-viscosity, friction-optimized formulation enhances fuel economy across varied driving conditions. With strong oxidative stability and low volatility, it supports extended drain intervals while minimizing deposits, ensuring exceptional cleanliness, wear protection, and long-term efficiency in modern hybrid engines.

PHYSICAL-CHEMICAL CHARACTERISTICS

EVO T-FE	METHOD	SAE 0W-16
Density at 15°C, g/cm ³	ASTM D4052	0.834
Dynamic viscosity, °C/cP	ASTM D5293	-35°C/5,000
Viscosity, Kinematic (cSt) 100°C	ASTM D445	7.1
Viscosity, Kinematic (cSt) 40°C	ASTM D445	35.6
Viscosity index	ASTM D2270	167
TBN, mgKOH/g	ASTM D2896	7.0
Flash point, COC, °C	ASTM D92	204
Pour point, °C	ASTM D97	-51
HTHS viscosity@150°C, cP	ASTM D4683	2.3

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.

