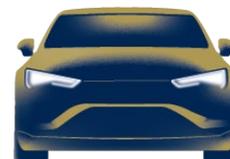


TECHNICAL PRODUCT SHEET

EVO J-FE 0W—8



DESCRIPTION

EVO J-FE is an ultra-low-viscosity, fully synthetic engine lubricant engineered for modern gasoline passenger-car engines requiring the high-efficiency JASO GLV-1 specification. Its optimized rheology enables rapid oil circulation and film formation under cold-start conditions while maintaining robust wear protection, deposit control, and low volatility to prevent increased oil consumption. The formulation mitigates LSPI events in downsized, turbocharged engines, contributing to extended engine durability. Incorporating the advanced TriboACT[®] Formula, the oil demonstrates exceptional performance in OEM engine tests and is specifically developed to exceed the stringent requirements of leading manufacturers such as Toyota, Honda, and Mazda.

APPLICATIONS

EVO J-FE is engineered for use in modern Hybrid Electric Vehicles (HEV) and Plug-in Hybrid Electric Vehicles (PHEV) equipped with recent-generation gasoline engines—turbocharged or naturally aspirated, with direct or indirect injection—operating under frequent start-stop conditions. Its ultra-low-viscosity formulation ensures rapid lubrication during repeated engine restarts while maintaining robust wear protection, deposit control, and thermal stability. The lubricant is also optimized for hybrid powertrain assemblies, supporting high efficiency and long-term engine durability. Always consult the vehicle manufacturer's manual before application.

SPECIFICATIONS

JASO GLV-1 (Approved)

PROPERTIES

EVO J-FE is a synthetic formulation, engineered without viscosity-modifier polymers, ensuring exceptional shear stability and consistent rheological behavior under high thermal and mechanical stress. Enhanced with TriboACT[®] Formula technology, it delivers superior boundary-film reinforcement for optimized engine performance, wear protection, and friction reduction. Its advanced detergent-dispersant system maintains outstanding engine cleanliness, supporting reliable operation and extended service life in modern high-efficiency powertrains.

BENEFITS

EVO J-FE formula exhibits very low volatility, minimizing evaporative losses and ensuring reduced oil consumption even under high-temperature operating conditions. Its optimized molecular structure delivers exceptionally low hydrodynamic friction, contributing to lower CO₂ emissions and reduced pollutant output, with proven fuel-economy benefits demonstrated in GLV-1 performance testing. The lubricant supports sustained optimal engine operation over extended periods, while its extremely high viscosity stability ensures reliable viscosity retention during high-RPM and high-shear conditions.



TECHNICAL PRODUCT SHEET

PHYSICAL-CHEMICAL CHARACTERISTICS

EVO J-FE	METHOD	SAE 0W-8
Density at 15°C, g/cm ³	ASTM D4052	0.842
Viscosity, Kinematic (cSt) 100°C	ASTM D445	5.2
Viscosity, Kinematic (cSt) 40°C	ASTM D445	25.0
Viscosity index	ASTM D2270	144
TBN, mgKOH/g	ASTM D2896	7.0
Flash point, COC, °C	ASTM D92	228
Pour point, °C	ASTM D97	-42
HTHS Viscosity @150oc, cP	ASTM D4683	1.8

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.

