



AISIN econTECH+ Semi Synthetic Motor Oil 20W-50 SP

ADVANCED TECHNOLOGY ENGINE OIL

DESCRIPTION

AISIN econTECH+ Semi Synthetic 20W-50 SP is formulated from VHVI base oils, high performance additive systems and leading-edge viscosity index improver, which meets the requirement of current advanced top-tier engine oil grade of API SP. It is high-performance, highly shear-stable, multi-grade passenger vehicles motor oil applicable for both gasoline and diesel engines. It is optimized to provide complete engine oil performance, especially fuel efficiency, through friction reduction and enhanced durability. Furthermore, it incorporates vital features like safeguarding against Timing Chain Wear which are essential for modern automobiles.

TYPICAL APPLICATIONS

- All passenger vehicles and light trucks are equipped with four-cycle gasoline (and diesel) engines both aspirated, turbo charged, DOHC, EFI and VVT features.
- Four-stroke gasoline engines in motorcycles.
- Sports Vehicles

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PERFORMANCE STANDARDS

- API SP

CUSTOMER BENEFITS

- **Timing Chain Wear Protection**
Premium additives provide effective protection for the timing chain, guarding against wear that can result in reduced engine performance and increased fuel consumption.
- **Prevention & Protection of LSPI (Low Speed Pre-Ignition) phenomena for T-GDI engines.**
Minimizes abrupt damage of key engine components (such as piston rings, connecting rods and so on) by prevention of LSPI (Low Speed Pre-Ignition) phenomena in T-GDI engines.
- **Fuel economy**
The wide temperature range capability of the synthetic technology base fluid ensures correct oil viscosity to reduce friction at start-up, and to provide maximum lubricity during high temperature operation.
- **Engine power and maintainability**
Reduced piston blow-by gas with the oil's cleanliness effect could maintain engine power and maintaining engine cleanliness with its prevention of engine sludge forming will extend engine service life.
- **Oil drainage interval**
Excellent oxidation resistance and low volatility will extend oil drainage interval.
- **All-temperature wear resistance**
Advanced non-conventional base oil formulation, high performance additive systems and leading-edge viscosity index improver deliver excellent shear stability and maximum wear protection in high speed/high temperature driving conditions.

KEY PROPERTIES

SAE Viscosity	Density (@ 15°C)	Kinematic Viscosity, mm ² /s		Viscosity Index	Pour Point (°C)	Flash Point (°C)
		@ 40°C	@ 100°C			
20W-50	0.870	156	17.90	127	-26	274

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