



AISIN synTECH+ Fully Synthetic Motor Oil 5W-40 SN PLUS **ADVANCED TECHNOLOGY ENGINE OIL**

DESCRIPTION

AISIN synTECH+ Fully Synthetic 5W-40 ILSAC GF-5 SN PLUS/RC is formulated from VHVI base oils, high performance additive systems and leading-edge viscosity index improver, which meet the requirement of current advanced top-tier engine oil grade of API SN PLUS. It is high-performance, highly shear-stable, multi-grade passenger vehicles motor oil applicable for both gasoline and diesel engines. Aisin synTECH+ 5W-40 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.

TYPICAL APPLICATIONS

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

PERFORMANCE STANDARDS

- API SN PLUS

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Aisin, the Aisin logo and related marks are trademarks of Aisin Asia Pte Ltd, used under licence.

CUSTOMER BENEFITS

- 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 and rapid, highly effective oil film protection and component wear resistance during very low temperature cold starts.

KEY PROPERTIES

SAE Viscosity	Density (@ 15°C)	Kinematic Viscosity, mm ² /s		Viscosity Index	Pour Point (°C)	Flash Point (°C)
		@ 40°C	@ 100°C			
5W-40	0.8527	83.91	14.5	183	-42	216

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Aisin, the Aisin logo and related marks are trademarks of Aisin Asia Pte Ltd, used under licence.