



## ***AISIN evoTECH+ Fully Synthetic Motor Oil 5W-30/5W-40 SP***

### ***ADVANCED TECHNOLOGY ENGINE OIL***

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#### **DESCRIPTION**

Aisin evoTECH+ with premium performance, multi-grade motor oil formulated from PAO and VHVI synthetic base fluids and race-proven additive technology for use in passenger car gasoline as well as diesel engines applications. It is optimized to provide complete engine protection plus ultimate performance. Aisin evoTECH+ Motor Oil features with wear and residues (ash) prevention capability and suitable for vehicles equipped with turbocharges, CRDI, EGR and DPF features. Aisin evoTECH+ 5W-30 and 5W-40 equipped with Very High Viscosity Index (VHVI) Technology where it can extend and provides longer oil drain interval service life.

#### **TYPICAL APPLICATIONS**

- Naturally aspirated and turbocharged gasoline engines in passenger cars
- Light truck gasoline engines
- Naturally aspirated and turbocharged diesel engines in passenger cars
- Gas-fueled (natural gas and LPG) spark ignition engines where conventional passenger car motor oils are recommended
- Four-stroke gasoline engines in motorcycles and portable power equipment where the manufacturer recommends conventional passenger car motor oils

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## MEET OR EXCEEDS THE PERFORMANCE STANDARDS BELOW

- API SN/CF
- ACEA A3/B4
- BMW Longlife-01, BMW Longlife-04 (BM229.3, VW502.00/505.00)
- Mercedes-Benz 229.51
- Porsche
- Volkswagen, 502.00/505.00

## CUSTOMER BENEFITS

- **Maximum engine life**

The wider temperature range capability of the synthetic base fluid ensures correct oil viscosity to reduce friction at start-up, and to provide maximum lubricity during high temperature operation.

The effective anti-wear additive system minimizes wear in even the most sophisticated valve train mechanisms, including those with variable valve timing.

- **Lower impact emissions**

Highly advanced additive technology delivers reduction in harmful exhaust emissions. This advanced technology performance, enhanced by low phosphorus and sulfur formulation (Low SAPS) reduces ash formation and delivers a significant increase in DPF service life.

- **Maximum power and performance**

Metallic detergent and ash-less dispersant additive system ensures maximum power and performance by providing superior control of ring belt and piston skirt deposits, even under the most severe operating conditions. Special friction modifiers assist in reducing friction for maximum fuel economy.

- **Minimum maintenance costs**

Superior thermal stability and oxidation resistance provides maximum protection against in-service oil degradation which contributes to filter blocking and sludge formation in the oil galleries, crankcase and valve train.

- **Low oil consumption**

Synthetic, highly shear-stable formulation provides superior control of oil flow through the ring belt area by maintaining oil viscosity and reduces oil evaporation at the elevated ring zone temperatures experienced under all operating conditions.

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## KEY PROPERTIES

| SAE<br>Viscosity | Density<br>(g/cm <sup>3</sup> @ 15°C) | Kinematic Viscosity, mm <sup>2</sup> /s |         | Viscosity<br>Index | Pour Point<br>(°C) | Flash Point<br>(°C) |
|------------------|---------------------------------------|---|---------|--------------------|--------------------|---------------------|
|                  |                                       | @ 40°C                                  | @ 100°C |                    |                    |                     |
| 5W-30            | 0.853                                 | 65.05                                   | 11.65   | 173                | -45                | 232                 |
| 5W-40            | 0.855                                 | 86.08                                   | 14.57   | 177                | -45                | 232                 |

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