



AISIN evoTECH+ Fully Synthetic Motor Oil 0W-30/0W-40 SP

PREMIUM SYNTHETIC (PAO+ESTER) ENGINE OIL FOR PASSENGER CAR

DESCRIPTION

Aisin evoTECH+ Motor Oil with premium performance formulated with 100% PAO (and Ester) and race-proven additive technology for used in passenger car and light truck gasoline engines and passenger car diesel engines under all operating conditions. It is optimized to provide complete engine protection plus ultimate performance. Aisin evoTECH+ API SP Motor Oil features wear and residues (ash) prevention capability and suitable for vehicles equipped with turbocharges, CRDI, EGR and DPF features.

TYPICAL APPLICATIONS

- Gasoline and LPG engine vehicles equipped with GDI, T-GDI, DOHC, EFI, VVT, and other technologies.
- Diesel engine vehicles are equipped with DPF, CPF, EGR, and other features.
- Luxury imported vehicles like Mercedes-Benz and BMW.
- Engine oils recommended for vehicles meeting specific "Performance Specifications."

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MEET OR EXCEEDS THE PERFORMANCE STANDARDS BELOW

- Recommended for API SP
- ACEA C2/C3 for Aisin Fully Synthetic 0W-30 (PAO Ester)
ACEA C3 for Aisin Fully Synthetic 0W-40 (PAO Ester)
- BMW LL-04
- MB 229.31/51/52
- Mercedes-Benz
- Porsche
- Volkswagen

CUSTOMER BENEFITS

- **Maximum engine life**

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 Viscosity | Density (g/cm ³ @ 15°C) | Kinematic Viscosity, mm ² /s | | Viscosity Index | Pour Point (°C) | Flash Point (°C) |
|---------------|------------------------------------|---|---------|-----------------|-----------------|------------------|
| | | @ 40°C | @ 100°C | | | |
| 0W-30 | 0.846 | 69.90 | 12.30 | 175 | -58 | 224 |
| 0W-40 | 0.848 | 85.90 | 14.80 | 181 | -59 | 214 |

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