

PERFORMA SYNTEC PLUS

SAE 5W-30 / 10W-40

Product Description

Synthetic technology motor oil specially designed for modern high performance engine with gasoline direct injection (GDI and Turbo-GDI) systems. Developed by latest evolution technology platform **EVOTEC** fortified with **SMART Molecules** that improve engine cleanliness and prevent low-speed pre-ignition (LSPI). Outstanding low friction and heat resistance enhance acceleration response, wear prevention and maintaining engine power for better drivability in all situations.

Benefits

- Enhance excellent engine cleanliness especially in piston and help reduce LSPI occurrence in Turbo-GDI engine by **SMART Molecules**.
- Improve superb engine protection against wear and prevent timing chain elongation for maintaining maximum engine performance.
- Outstanding low oil friction with high heat resistance by **EVOTEC technology** for superior acceleration responsiveness and reduced oil consumption.
- Better oil degradation resistance and engine sludge prevention through oil drain intervals.

Applications

- Designed for high performance gasoline engine both GDI and Turbo-GDI.
- Recommended for passenger car, sport car and SUV equipped with start-stop system.
- Suitable for all port fuel injection (PFI) gasoline engines running with unleaded gasoline (ULG) and ethanol blended gasoline (E10, E20 and E85).

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Typical Characteristics

Test	Method	Units	Results	
			5W-30	10W-40
Density at 15 °C	ASTM D 4052	g/cm ³	0.856	0.860
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	67.0	97.1
Kinematic Viscosity at 100 °C	ASTM D 445	mm ² /s	11.1	14.4
Viscosity Index	ASTM D 2270	-	157	154
MRV with No Yield Stress	ASTM D 4684	mPa·s	18,900 at -35 °C	16,100 at -30 °C
Cold-cranking Simulator	ASTM D 5293	mPa·s	6,200 at -30 °C	5,800 at -25 °C
Flash Point (COC)	ASTM D 92	°C	232	234
Pour Point	ASTM D 5950	°C	-30	-30

Performance Standards

	<u>5W-30</u>	<u>10W-40</u>
• API SP	✓	✓
• ILSAC GF-6A	✓	

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>



Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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