

Product Data Sheet

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PETRONAS Syntium Supreme

E 5W-30

Developed with °CoolTech™ technology to control engine-damaging heat

Born from the world's most demanding races, PETRONAS Syntium stands for reliable excellence, empowering mechanics and drivers with advanced solutions crafted from racing-grade technology and designed for real-world needs. From our Syntium Prime to Supreme: every oil is engineered to deliver performance that lasts with consistent protection and reliable efficiency over time.

Description and Applications

PETRONAS Syntium Supreme E 5W-30 is a fully synthetic lubricant formulated with °CoolTech™ technology that effectively controls the heat, resisting oxidation and preventing oil degradation and deposit build up, to protect parts and maintain engine efficiency for the full drain interval.

PETRONAS Syntium Supreme E 5W-30 is especially designed for passenger cars using direct injection turbocharged gasoline engines and diesel engines such as Mercedes Benz (please refer to the owner's manual). It is also suitable for SUVs, light vans and vehicles, running on biofuels and equipped with after treatment exhaust system and emission control devices such as diesel particulate filters and catalytic converters; fuel injectors, multi-valves or turbochargers operating under severe conditions.

PETRONAS Syntium's engine oils empower everyday champions with advanced and accessible solutions, crafted from racing-grade technology and designed for real-world needs.

Benefits

PETRONAS Syntium Supreme E 5W-30 is engineered with CoolTech™ technology to control the damaging heat, providing enhanced performance and protection through:

- Ultimate ability to maintain oil thickness and reduce engine wear. To prevent deterioration in performance or serious engine failure.
- Ultimate ability to protect against oil oxidation and thickening - To maintain lubricant performance throughout the drain interval.
- Ultimate ability to effectively control against oil degradation. To ensure maximum efficiency.
- Ultimate ability to effectively control against sludge build up. To ensure maximum power & efficiency from the engine.

Approvals, Specifications and Recommendations

Specifications:

- API SP
- ACEA A3/B4

Approvals:

- MB-Approval 229.5
- BMW LL-01
- RENAULT RN 0700

Note: Always consult your owner's manual to check for recommended viscosity grade and specifications for your specific vehicle

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Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	-	-	Clear & Bright
Density @15°C	ASTM D 4052	g/cm ³	0.8537
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	12.12
Viscosity Index	ASTM D 2270	-	168
Flash Point COC	ASTM D 92	°C	226
Sulphated Ash	ASTM D 874	%	1.1
TBN	ASTM D 2896	mgKOH/g	12.2
CCS at -30°C	ASTM D5293	mPa·s	6205
Pour Point	ASTM D97	°C	-39

All technical data are provided for reference only. These characteristics are typical of current production. Whilst future production will conform to PLI's specification, variations in these characteristics may occur.

Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at: www.pli-petronas.com

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