

Product Data Sheet

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PETRONAS Syntium Supreme JDM

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 JDM 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 JDM 5W-30 is specifically formulated for use in **Japanese vehicles that require viscosity 5W-30 using gasoline engines** (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 JDM 5W-30 is engineered with CoolTech™ technology to control the damaging heat, providing enhanced performance and protection through:

- Outstanding heat controlling ability to protect the engine from damaging heat and maximize its efficiency and power output – reducing fuel consumption and emissions.
- Outstanding ability to retain Fuel economy performance even oil is aged.
- Outstanding ability to maintain oil thickness and reduce engine wear. To prevent deterioration in performance or serious engine failure.
- Outstanding ability to protect critical engine parts and avoid catastrophic engine failures (LSPI events).

Approvals, Specifications and Recommendations

Specifications:

- API SQ
- ACEA C2, C3
- ILSAC GF-6A

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	0.8515
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	12.00
Viscosity Index	ASTM D 2270	-	168
Flash Point COC	ASTM D 92	°C	228
Sulphated Ash	ASTM D 874	%	0.6
TBN	ASTM D 2896	mgKOH/g	6.6
CCS at -30°C	ASTM D5293	mPa·s	5653
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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