Product Data Sheet
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PETRONAS Syntium 7000 VO

0W-20

Developed with °CoolTech+™ technology to maximize the efficiency and power output of most modern engines

With today's smaller, more compact modern engines running hotter than ever, and congested stop/start traffic increasing operating temperatures further, the conditions couldn't be more challenging and hostile for an oil. To achieve maximum thermal efficiency, engines need to stay cool in the face of aggressive heat.

Description and Applications

PETRONAS Syntium 7000 VO 0W-20 is a fully synthetic lubricant formulated with °CoolTech+™ at the cutting edge of our fluid technology. Its enhanced heat controlling ability protects the engine and maximizes its efficiency and power output – reducing fuel consumption and emissions.

PETRONAS Syntium 7000 VO 0W-20 provides outstanding fuel economy and meets the demanding requirements of modern, high-performance passenger cars. It is formulated with environmentally friendly low SAPS lubricant technology for maximum compatibility with exhaust gas after treatment systems and to ensure their optimum efficiency is maintained throughout the life of the vehicle.

PETRONAS Syntium 7000 VO 0W-20 is especially designed for passenger cars, SUVs and vans using direct injection turbocharged gasoline engines and diesel engines such as in Volvo, Jaguar Land Rover and Opel (please refer to the owner's manual). It is also suitable for vehicles running on biofuels and those 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.

Thanks to our experience in Motorsports, powering the most efficient hybrid engine, we developed PETRONAS Syntium, a complete range of lubricants, to help drivers to maximize every drop of energy.

Benefits

PETRONAS Syntium 7000 VO 0W-20 is engineered with °CoolTech+™ technology to maximize the efficiency and power output of the most modern engines through:

- Ultimate heat management capability to protect the engine from damaging heat and provide optimum lubrication at extremely low temperatures, maximising engine efficiency and power output – reducing fuel consumption and emissions
- Ultimate protection against oil thickening caused by the oxidation of the lubricant accelerated by the use of biodiesel fuel. Thanks to its strong oil chains, which helps to maintain stable performance and maximize the efficiency of your engine for the entire drain interval.
- Ultimate resistance to engine sludge formation caused by oil degradation. Effectively controls the formation of sludge throughout the engine, ensuring every part of the engine performs at its maximum efficiency, maximizing power conversion and lowering emissions.
- Ultimate lubrication capability to protect against abnormal wear in the valvetrain and cylinder wall, providing vital defense against engine damage that leads to deterioration in engine performance and increase in emissions.
- Ultimate control of damaging heat to prevent turbocharger and piston deposits, which extends the life of your engine parts, maximizing engine efficiency and delivering maximum performance for longer
- Ultimate piston cleanliness performance by effectively controlling the increase in piston temperature caused by combustion leading to longer engine life and maximizing power output and fuel efficiency

Approvals, Specifications and Recommendations

Specifications:

- API SP
- ILSAC GF-6A
- ACEA C6

Approvals:

- Volvo VCC RBS0-2AE
- OV 040 1547 – A20
- STJLR.03.5006

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

Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	-	-	Bright and Clear
Density @15°C	ASTM D 4052	g/cm^3	0.8451
Kinematic Viscosity @100°C	ASTM D 445	mm^2/s (cSt)	8.6
Viscosity Index	ASTM D 2270	-	186
Flash Point COC	ASTM D 92	°C	235
Sulphated Ash	ASTM D 874	%	0.7
TBN	ASTM D 2896	mgKOH/g	7.7
CCS at –35°C	ASTM D5293	mPa*s	5760
Pour Point	ASTM D97	°C	-54

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 refers to product SDS or contact us at: www.pli-petronas.com

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