

Product Data Sheet

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PETRONAS Syntium 3000 E 0W-20



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

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 3000 E 0W-20 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 3000 E 0W-20 is especially designed for all passenger cars using direct injection turbocharged gasoline engines and diesel engines. It is also suitable for vehicles running on biofuels and those equipped with after treatment exhaust system, and emission control devices such as 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 3000 E 0W-20 is engineered with °CoolTech™ technology to control the damaging heat, providing enhanced performance and protection through:

- Exceptional resistance to oxidation or oil degradation - effectively controls sludge throughout the engine, reducing wear and ensuring every part of the engine performs at its maximum efficiency, for higher power conversion and lower emissions.
- Superior lubrication capability to protect against bearing and valvetrain wear and timing chain elongation which could lead to power loss and increased emissions. This protection ensures maximum performance and longer engine life.
- Enhanced control of engine-damaging heat to prevent deposits formation, extend engine parts life and maximize engine efficiency, delivering optimum performance for longer.

Approvals, Specifications and Recommendations

PETRONAS Syntium 3000 E 0W-20 is a high-quality engine oil that meets and exceeds below performances:

Specifications:

- API SN+

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

Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	-	-	Bright & Clear
Density 15°C	ASTM D 4052	g/cm ³	0.848
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	8.4
Viscosity Index	ASTM D 2270	-	170
Flash Point C.O.C	ASTM D 92	°C	220
Sulphated Ash	ASTM D 874	%	0.6
TBN	ASTM D 2896	mgKOH/g	7.2
CCN @ -35°C	ASTM D5293	mPa*s	5162
Pour Point	ASTM D 97	°C	-45

All technical data is 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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