



# PETRONAS Syntium 3000

## 5W-30

### Designed with °CoolTech™ technology to fight excessive engine heat

Modern driving conditions such as stop-start driving, idling in traffic jams, acceleration on highways, driving up steep hills and many more put engines under a lot of stress that can lead to excessive heat buildup. Excessive engine heat generation is not limited to a particular country or driving pattern; it is a common issue engines face across the globe.

#### Description and Applications

PETRONAS Syntium 3000 5W-30 is a fully synthetic lubricant that is formulated with °CoolTech™ to fight excessive engine heat. °CoolTech™ targets the critical heat zones – parts that are affected by excessive heat inside the engine – to effectively absorb and transfer excessive heat to regulate temperature within the engine; defending the engine's critical components from damage and loss of performance.

PETRONAS Syntium 3000 5W-30 is designed to meet the latest API SP and GF-6 specifications and is suitable for some passenger cars running on gasoline (please refer to the owner's manual).

The experiences gathered by PETRONAS on the F1 circuits and from the most important motoring events and competitions have enabled the development of PETRONAS Syntium - a range of hi-tech lubricants capable of meeting the needs of new generation engines; both on the track and on the road.

#### Benefits

PETRONAS Syntium 3000 5W-30 is formulated with °CoolTech™ to fight excessive engine heat for optimum engine performance and to defend the engine's critical components through:

- Exceptional protection against premature wear of engine parts.
- Exceptional protection for new technology turbocharged gasoline engines against catastrophic failure in some engines caused by low speed pre-ignition (LSPI).
- Superior fuel economy performance.

#### Approvals, Specifications and Recommendations

##### Specifications:

- API SP
- ILSAC GF-6

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 & Clear
Density @15°C	ASTM D 4052	g/cm <sup>3</sup>	0.853
Kinematic Viscosity @100°C	ASTM D 445	mm <sup>2</sup> /s (cSt)	9.9
Viscosity Index	ASTM D 2270	-	155
Flash Point COC	ASTM D 92	°C	232
Sulphated Ash	ASTM D 874	%	0.61
TBN	ASTM D 2896	mgKOH/g	7.2
CCS at -30°C	ASTM D5293	mPa·s	5609
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 refers to product SDS or contact us at: [www.pli-petronas.com](http://www.pli-petronas.com)

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