

## Product Data Sheet

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# PETRONAS Syntium 800

## 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 800 5W-30 is a semi 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 800 5W-30 is designed to meet the latest API SP and ILSAC GF-6 specifications and is suitable for some types of passenger cars running on gasoline (please refer to the owner's manual).

#### Benefits

PETRONAS Syntium 800 5W-30 is formulated with °CoolTech™ to fight excessive engine heat for optimum engine performance and to defend the engine's critical components through:

- Superior protection against premature wear of engine parts.
- Superior sludge prevention capability for gasoline applications to protect engines from seizing up.

#### Approvals, Specifications and Recommendations

##### Specifications:

- API SP
- ILSAC GF-6A

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 refer to product SDS or contact us at: [www.pli-petronas.com](http://www.pli-petronas.com)

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