



PETRONAS

Product Data Sheet (PDS)

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PETRONAS Syntium 800 5W-30

Designed with °CoolTech™ technology to fight excessive engine heat

Modern driving conditions like stop-start driving, idling, acceleration on highways, driving with heavy loads 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 one particular country or driving patterns; it is common issue engines face across the globe.

Description and Applications

PETRONAS Syntium 800 5W-30 is formulated with °CoolTech™ to fight excessive engine heat. °CoolTech™ targets the critical heat zones – engine parts affected by excessive heat inside the engine to effectively absorb & transfer the excessive heat and regulates the temperature, defending the engine critical components from damaging and loss of performance.

PETRONAS Syntium 800 5W-30 is formulated to provide protection against low-speed pre-ignition (LSPI) for turbo charged direct injection gasoline powered vehicles and meets the latest API SN PLUS specification.

PETRONAS Syntium 800 5W-30 is recommended for use in all type of passenger cars and latest model high performance cars fitted with fuel injections, multi-valves, turbochargers or superchargers operating under the most extreme conditions.

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

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

Benefits

Main benefit(s):

- Advanced high temperature oxidation control, delivering lubrication stability and prevents car breakdowns.

Also delivers:

- Advanced high shear stability, delivering stay-in-grade viscosity in all conditions.
- Advanced fuel economy.
- Instant start up lubrication – minimize friction and start up wear.

Approvals, Specifications and Recommendations

PETRONAS Syntium 800 5W-30 is a semi synthetic lubricant that meets and exceeds below performances:-

Approvals and Specifications:

- API SN PLUS
- ILSAC GF-5

Note: Always consult your owner's manual to check recommended specifications for your particular vehicle.

Typical Physical Data

| Parameters | 5W-30 |
|-------------------------------------|-------|
| Density @ 15 °C, kg/l | 0.86 |
| Pour Point, °C | -39 |
| Kinematic Viscosity, cSt | |
| @ 40 °C | 59 |
| @ 100 °C | 10.0 |
| Viscosity Index | 157 |
| Cold Cranking Viscosity cP @ -30 °C | 5500 |
| Suphated Ash, %wt | 0.8 |
| TBN, mg KOH/h | 7.0 |

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

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