

## Product Data Sheet

Revised: 2022/01/20 (version 1.2)

# PETRONAS Syntium 800 EU

## 10W-40



### 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 800 EU 10W-40 is a lubricant developed 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 800 EU 10W-40 is especially designed for passenger cars, SUVs and vans using direct injection turbocharged gasoline engines and diesel engines such as in Mercedes-Benz, Volkswagen and Renault (please refer to the owner's manual). It is also suitable for vehicles equipped with 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 800 EU 10W-40 is engineered with CoolTech™ technology to control the heat, providing enhanced performance and protection through:

- Superior 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.
- Superior 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.

#### Approvals, Specifications and Recommendations

##### Specifications:

- API SN
- ACEA A3/B4

##### Approvals:

- VW 501.01 / 505.00
- RENAULT RN0700 / RN0710
- PSA B71 2300

##### Performance Levels:

- MB 229.3
- FCA 955535-D2
- FCA 955535-G2

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	-	-	Clear
Density @15°C	ASTM D 4052	g/cm <sup>3</sup>	0,868
Kinematic Viscosity @100°C	ASTM D 445	mm <sup>2</sup> /s (cSt)	14,4
Viscosity Index	ASTM D 2270	-	151
Flash Point COC	ASTM D 92	°C	226
Sulphated Ash	ASTM D 874	%	1,2
TBN	ASTM D 2896	mgKOH/g	10,4
CCS at -30°C	ASTM D5293	mPa·s	25638
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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Code: 70732