Product Data Sheet
Revised: 2022/08/11 (version 1.2)

PETRONAS Syntium 3000 E 5W-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 3000 E 5W-40 is a fully synthetic 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 3000 E 5W-40 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 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.
PETRONAS Syntium 3000 E 5W-40 is formulated to provide protection against low-speed pre-ignition (LSPI) for turbo charged direct injection gasoline powered vehicles and meets the latest API SP specification

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 5W-40 is engineered with °CoolTech™ technology to control the heat, providing enhanced performance and protection through:

- Exceptional 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.
- Exceptional 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.
- Exceptional control of damaging heat to prevent turbocharger and piston deposits, which extends the life of your engine parts, maximizing engine efficiency and delivering maximum performance for longer

Approvals, Specifications and Recommendations

Specifications:
- API SP
- ACEA A3/B4

Approvals:
- MB-Approval 229.5
- VW 502.00/505.00
- RENAULT RN0700 / RN0710
- BMW Longlife-01

Performance Levels:
- FCA 955535-H2
- FCA 955535-M2

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	-	-	
Density @15°C	ASTM D 4052	g/cm^3	
Kinematic Viscosity @100°C	ASTM D 445	mm^2/s (cSt)	
Viscosity Index	ASTM D 2270	-	
Flash Point COC	ASTM D 92	°C	
Sulphated Ash	ASTM D 874	%	
TBN	ASTM D 2896	mgKOH/g	
CCS at –30°C	ASTM D5293	mPa*s	
Pour Point	ASTM D97	°C	

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

Important Note

Code: 70731