Product Data Sheet
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PETRONAS Syntium 3000 AV 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 AV 5W-40 is a fully synthetic lubricant formulated 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 AV 5W-40 is especially designed for passenger cars, SUVs and vans using direct injection turbocharged gasoline engines and diesel engines such as in Volkswagen, Mercedes-Benz (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.

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

- Exceptional resistance to oxidation or oil degradation - effectively controls sludge throughout the engine, reducing wear and ensuring every part of the engine performs at its maximum efficiency, for higher power conversion and lower emissions.
- Superior lube capability to generate less wear in the valvetrain and cylinder wall, providing vital defense against engine damage that would lead to deterioration in engine performance and increase in emissions.
- Superior piston cleanliness by effectively controlling the increase in piston temperature caused by combustion leading to longer engine life and maximizing power output and fuel efficiency

Approvals, Specifications and Recommendations

Specifications:

- API SP
- ACEA C3

Approvals:

- VW 505.00 / 505.01
- MB-approval 229.51
- Porsche A40
- Renault RN0700/RN0710

Performance Level

- FCA 955535-S2
- Ford WSS-M2C917-A

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^3	0.8551
Kinematic Viscosity @100°C	ASTM D 445	mm^2/s (cSt)	14
Viscosity Index	ASTM D 2270	-	171
Flash Point COC	ASTM D 92	°C	230
Sulphated Ash	ASTM D 874	%	0,8
TBN	ASTM D 2896	mgKOH/g	7,46
CCS at –30°C	ASTM D5293	mPa*s	6003
Pour Point	ASTM D97	°C	-42

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: 70179