



PETRONAS

Technical Data Sheet

Revised: 2016/01/29 (version 1.0)

PETRONAS Syntium 5000 XS 5W-30

APPLICATIONS

Mid SAPS engine oil that is suitable for all types of passenger cars including gasoline, diesel engines (equipped with after treatment exhaust system) and latest high performance cars fitted with fuel injections, multi-valves, turbochargers or superchargers operating under most severe conditions. It is also suitable for vehicles running on biofuels.

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

SPECIFICATIONS & APPROVALS*

Meets or Exceeds the requirements of:	API SN/CF, ACEA C3
Has the following builder approvals:	MB-Approval 229.51
	BMW Longlife-04
Meets or Exceed the following builder requirements:	Dexos 2
	MB-229.31
	VW 505 01

* All technical data is provided for reference only.

TYPICAL PHYSICAL DATA**

Parameters	Method	Unit	Typical Value
Appearance	-	-	B&C
Density 15°C	ASTM D 4052	g/cm ³	0.850
Viscosity at 100°C	ASTM D 445	cSt	11.6
Viscosity Index	ASTM D 2270	-	165
Flash Point Cl. O. C	ASTM D 92	°C	>200
TBN	ASTM D 2896	mg KOH/g	8.1
Pour Point	ASTM D 97	°C	<-36
Foam at 24°C	ASTM D 892	cc/s	Traces/0

** These characteristics are typical of current production. Whilst future production will conform to PLI's specification, variations in these characteristics may occur.

FEATURES & BENEFITS

- Outstanding High Temperature Oxidation Control, delivering lubrication stability and prevent car breakdowns.
- Outperforms in high temperature deposit control to improve drivability and enhances engine performance.
- Withstanding high temperature lubricant evaporation loss to stop premature thermal degradation to help preventing engine failure from wear & tear.
- Superior fuel economy.
- Longer oil drain capability up to maximum specified by manufacturer.
- Instant start-up lubrication

OIL TYPE

- Synthetic

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

Important Note

The word PETRONAS, the PETRONAS logo and such other related trademarks and/or marks used herein are trademarks or registered trademarks of PETRONAS Lubricants International Sdn. Bhd. ("PLISB"), or its subsidiaries or related Holding Corporation under license unless indicated otherwise. The PLI Documents and the information contained herein is believed to be accurate as of the date of printing. PLISB makes no express or implied representation or warranties as to its accuracy or completeness or information in or any transaction performed. The PLI Documents information provided is based on standard tests under laboratory conditions and is given only as a guide. Users are advised to ensure that they refer to the latest version of these PLI Documents. It is the responsibility of the users to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations imposed by the respective local authorities.

Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling and disposal of the product. No responsibility shall be taken by either PLISB or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortious action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representative in the event you require any further information.

Code: 1814