Product Data Sheet
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PETRONAS Syntium 7000 FJ

0W-30

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 7000 FJ 0W-30 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 7000 FJ 0W-30 is especially designed for passenger cars using direct injection turbocharged gasoline engines and diesel engines such as in Ford and Jaguar (please refer to the owner's manual). It is also suitable for SUVs, light vans and vehicles, running on biofuels and equipped with after treatment exhaust system, and emission control devices such as diesel particulate filters and 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 7000 FJ 0W-30 is engineered with CoolTech™ technology to control the damaging heat, providing enhanced performance and protection through:

- Ultimate protection against oil thickening caused by the oxidation of the lubricant accelerated by the use of biodiesel fuel. Thanks to its strong oil chains, which helps to maintain stable performance and maximize the efficiency of your engine for the entire drain interval.
- Ultimate 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.
- Ultimate 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.
- Ultimate 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
- Ultimate piston cleanliness performance 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:
- ACEA C2

Approvals:
- Ford WSS-M2C950-A
- STJLR.03.5007

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	-	-	Bright & Clear
Density @15°C	ASTM D 4052	g/cm^3	0.8422
Kinematic Viscosity @100°C	ASTM D 445	mm^2/s (cSt)	9.397
Viscosity Index	ASTM D 2270	-	211
Flash Point COC	ASTM D 92	°C	240
Sulphated Ash	ASTM D 874	%	0.8
TBN	ASTM D 2896	mgKOH/g	7.6
CCS at –35°C	ASTM D5293	mPa*s	5068
Pour Point	ASTM D97	°C	-45

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

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