

Technical Data Sheet

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Engine Oil 5W-30



Description and Applications

Engine Oil 5W-30 is a synthetic technology engine oil formulation developed in co-engineering with FPT, based on a technology capable to meet ACEA E4, E7 and E6, to offer high performance and exceptional protection for the engine. Its new formulation is obtained as result of thousands of hours of laboratory, bench, and road tests. Engine Oil 5W-30 is suitable for Euro VI and Euro V engines fitted with HI-eSCR system, Common Rail injection, particulate filter, variable geometry turbine and for Natural Gas engines.

Its low SAPS formulation offers outstanding protection for the particulate filter against combustion residues, also providing oil drain interval extension and improved Fuel Economy benefits.

Fully backward compatible with previous API CJ-4 specifications.

Approvals, Specifications and Recommendations

Specifications:

- API CK-4
- ACEA E8

Approvals:

- FPI9.LUBR001-TLS E6
- FPI9.LUBR003-TLS E6

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

Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	--	--	C & B
Density @ 15°C	ASTM D 4052	g/cm ³	0.854
Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s (cSt)	12.2
Viscosity Index	ASTM D 2270	--	168
CCS Viscosity @ -30°C	ASTM D 5293	mPa.s (cP)	6300
Pour Point	ASTM D 97	°C	-48
Flash Point COC	ASTM D 92	°C	220
TBN	ASTM D 2896	mg KOH/g	13.5

All technical data is 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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