

## Technical Data Sheet

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# Engine Oil 15W-40

### Description and Applications

Engine Oil 15W-40 is a mineral based formulation engine oil developed in co-engineering with FPT to offer high performance and protection for the engine. Its particular formulation is obtained as a result of thousands of hours of laboratory, bench and field tests.

Engine Oil 15W-40 is suitable off-road and marine engines where API CI-4 or ACEA E7 are required, and satisfies the requirements of both SCR and EGR technology engines. Fully backward compatible with previous E7-16 classification.

### Approvals, Specifications and Recommendations

#### Specifications

- API CI-4
- ACEA E7

#### Approvals:

- FPI9.LUBR001-T2 E7

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	--	--	B. & C.
Density @ 15°C	ASTM D 4052	g/cm <sup>3</sup>	0.885
Kinematic Viscosity @ 100°C	ASTM D 445	mm <sup>2</sup> /s (cSt)	14.3
Viscosity Index	ASTM D 2270	--	>140
Pour Point	ASTM D 97	°C	< - 27
Flash Point COC	ASTM D 92	°C	> 210
TBN	ASTM D 2896	mg KOH/g	11.2

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 refer to product SDS or contact us at: [www.pli-petronas.com](http://www.pli-petronas.com)

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