

Technical Data Sheet

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PETRONAS

PETRONAS Akcela UNITEK 10W-40

Description and Applications

PETRONAS Akcela UNITEK is a synthetic based engine oil developed in collaboration with CASE/CASE IH and FPT for Tier4 Interim/Stage IIIB and Tier4 Final/Stage IV engines fitted with HI-eSCR system, common rail injection, particulate filter and variable geometry turbine.

Its low SAPS formulation offers high protection for the particulate filter against combustion residues.

Approvals, Specifications and Recommendations

Specifications:

- ACEA E7, E9
- API CJ-4/SL

Approvals:

- CNH MAT 3521

Performance Level:

- Cummins CES 20081

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	--	--	Clear
Density @ 15°C	ASTM D 4052	g/cm ³	0.87
Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s (cSt)	15.5
Viscosity Index	ASTM D 2270	--	150
Pour Point	ASTM D 97	°C	-39
Flash Point COC	ASTM D 92	°C	224
TBN	ASTM D 2896	mg KOH/g	9.5

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 refer to product SDS or contact us at: www.pli-petronas.com

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