



PETRONAS Akcela Engine Oil PLUS

15W-40

Description and Applications

PETRONAS Akcela Engine Oil PLUS 15W-40 is a mineral based engine oil dedicated to agricultural and construction machinery, able to keep their efficiency and offering a longer life-cycle by protecting from oxidation, decomposition, wear, and keeping an optimal pistons' cleanliness and viscosity stability. Perfect solution for high and long-lasting performances for your hard-daily work, protecting your tireless machinery from loss of performances and unplanned downtimes.

PETRONAS Akcela Engine Oil PLUS 15W-40 is suitable for all types of heavy-duty diesel applications including modern, high-output, low emission engines fitted with emission control system using SCR and EGR technology. It is also suitable for new and old turbocharged and naturally aspirated diesel engines, both on-highway and off-highway, running on high or ultra-low Sulphur diesel and bio-diesel.

Its formulation, compliant with the API CI-4, keeps the acidic level under control, preventing corrosion and increasing the durability and the life of your engine and combats high concentration of soot build ups, critical to prevent loss of horsepower.

Approvals, Specifications and Recommendations

Specifications:

- ACEA E7
- API CI-4, CH-4 / API SL
- Global DHD-1

Performance Level:

- CNH MAT 3507
- CASE MS 1121
- Cummins CES 20078/20076

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	-	-	Bright & Clear
Density @15°C	ASTM D 4052	g/cm ³	0.877
Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s (cSt)	14.6
Viscosity Index	ASTM D 2270	-	135
Pour Point	ASTM D 97	°C	< -27
Flash Point COC	ASTM D 92	°C	>210
TBN	ASTM D 2896	mg KOH/g	10.5

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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