

## Technical Data Sheet

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# PETRONAS Akcela NO. 1 ENGINE OIL 10W-30

### Description and Applications

PETRONAS Akcela NO. 1 ENGINE OIL 10W-30 is premium engine oil developed in collaboration with CASE/CASE IH and FPT for Tier 3 and earlier engines.

It satisfies the requirements of both SCR and EGR technology engines.

High dispersant power for effective control of thickening phenomena due to the soot produced by combustion.

### Approvals, Specifications and Recommendations

#### Specifications:

- ACEA E7
- API CI-4, CH-4

#### Approvals:

- CNH MAT 3507
- CASE MS 1121

#### Performance Level:

- 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 <sup>3</sup>        | 0.875          |
| Kinematic Viscosity @ 100°C | ASTM D 445  | mm <sup>2</sup> /s (cSt) | 11.5           |
| Viscosity Index             | ASTM D 2270 | -                        | 138            |
| Pour Point                  | ASTM D 97   | °C                       | <-30           |
| Flash Point COC             | ASTM D 92   | °C                       | >210           |
| TBN                         | ASTM D 2896 | mg KOH/g                 | 11.1           |

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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