

# Technical Data Sheet

Revised: 2020/12/04 (version 1.0)

# 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)

### Important Note

The word PETRONAS, the PETRONAS logo and such other related trademarks and/or marks used herein are trademarks or registered trademarks of PETRONAS Lubricants International Sdn. Bhd. ("PLISB"), or its subsidiaries or related Holding Corporation under license unless indicated otherwise. The PLI Documents and the information contained herein is believed to be accurate as of the date of printing. PLISB makes no express or implied representation or warranties as to its accuracy or completeness or information in or any transaction performed. The PLI Documents information provided is based on standard tests under laboratory conditions and is given only as a guide. Users are advised to ensure that they refer to the latest version of these PLI Documents. It is the responsibility of the users to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations imposed by the respective local authorities.

Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling and disposal of the product. No responsibility shall be taken by either PLISB or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortious action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representative in the event you require any further information.

Code: 74632