

# Technical Data Sheet

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PETRONAS

# PETRONAS Urania FE

## 5W-30

### Description and Applications

PETRONAS Urania FE 5W-30 is a synthetic formulation engine oil developed in co-engineering with IVECO and FPT, based on a technology capable to meet ACEA E4 and E7, to offer high performance and exceptional protection for the engine. Its particular formulation is obtained as a result of thousands of hours of laboratory, bench and road tests.

PETRONAS Urania FE 5W-30 is suitable for Euro IV and Euro V engines, providing oil drain interval extension up to the highest mileage recommended by OEMs and improved Fuel Economy benefits.

### Approvals, Specifications and Recommendations

#### Specifications

- ACEA E4, E7

#### Approvals:

- IVECO 18-1804 TFE E4  
C.T.R. Nr I023.M01

#### Performance Level

- DAF Extended Drain\*  
\*DAF Rapido Service system required
- Mack EO-N
- Renault VI RLD-2
- Volvo VDS-3

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>	0.86
Kinematic Viscosity @ 100°C	ASTM D 445	mm <sup>2</sup> /s (cSt)	11.4
Viscosity Index	ASTM D 2270	--	165
Pour Point	ASTM D 97	°C	-55
Flash Point COC	ASTM D 92	°C	220
TBN	ASTM D 2896	mg KOH/g	16

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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