

PETRONAS Urania FE LS

5W-30

Description and Applications

PETRONAS Urania FE LS 5W-30 is a synthetic based formulation engine oil developed to offer high performance and exceptional protection for the engine.

PETRONAS Urania FE LS 5W-30 is suitable for Euro V and Euro VI engines fitted with HI-eSCR system, Common Rail injection, particulate filter, variable geometry turbine and also for the latest CNG and LNG engines. Its low SAPS formulation offers outstanding protection for the particulate filter against combustion residues, also providing oil drain interval extension and improved Fuel Economy benefits.

Approvals, Specifications and Recommendations

Specifications

- ACEA E4, E6, E7

Approvals

- IVECO 18-1804 TLS E6 C.T.R. Nr I720.I12
- Deutz DQC IV LA
- MAN M 3271-1/M 3477
- MTU Oil Category 3.1

Performance Level

- DAF Extended drain*
* DAF Rapido Service system required
- Mack EO-N
- MB 228.51
- Renault VI RLD-2/RXD
- 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	--	--	Bright & Clear
Density @ 15°C	ASTM D 4052	g/cm ³	0.855
Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s (cSt)	11.5
Viscosity Index	ASTM D 2270	--	159
CCS Viscosity @ -30°C	ASTM D 5293	mPa.s (cP)	6100
Pour Point	ASTM D 97	°C	<-40
Flash Point COC	ASTM D 92	°C	>200
TBN	ASTM D 2896	mg KOH/g	13

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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