Product Data Sheet
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PETRONAS Urania Elite 10W-30

Designed with StrongTech™ technology that is trusted to keep engines in excellent condition and extend their service life

I feel confident and trust that my commercial vehicles will perform reliably, no matter the conditions or load. Seeing my customers happy and satisfied makes me proud of what I've achieved

Description and Applications

PETRONAS Urania Elite 10W-30 is a premium heavy duty engine oil formulated with StrongTech™ technology, that forms a uniquely strong fluid film to protect the engine, retain performance and keep trucks running and available for longer periods. This helps to reduce the total cost of ownership.
Low SAPS oil, suitable for Euro IV, Euro V Euro VI, China VI, Bharat VI and Proconve-P8 heavy duty diesel applications including modern, high-output, low emission engines fitted with emission control systems using DPF, SCR, DOC and EGR technologies. It is also suitable for older turbocharged and naturally aspirated diesel engine generations, both on-highway and off-highway, running on high or ultra-low Sulphur diesel and biodiesel *(always refer to your user's manual).*
Suitable for CNG vehicles where specifications listed in this document are recommended.
Approved Daimler Truck Fluid Release (DTFR 15C100), fully backward compatible and suitable for use for vehicles recommending the previous Daimler MB 228.31 specification.
Fully backward compatible with previous E9-16, E7-16 classifications.

PETRONAS Urania Elite 10W-30 replaces Urania 3000 LS 10W-30.

Enhance your vehicle's performance by pairing PETRONAS Urania with PETRONAS Tutela fluids

Benefits

Contributes to enhance your vehicle availability through:
- **Longer Engine Life** driven by enhanced thermal and oxidation stability under high temperature, providing viscosity stability and preventing formation of deposits and sludge to prolong oil life even under severe conditions
- **Outstanding protection for emission after-treatment systems** such as DPF and DOC with low ash additive system
- **Effectively combats high concentration of soot build ups, critical to prevent loss of vehicle horsepower**
- **Improved lubrication during start-up** thanks to its low temperature viscosity
- **Optimal viscosity levels and lubrication during service life, to prevent unplanned breakdowns**
- **Better fluid film resistance under severe mechanical stress to deliver enhanced** engine durability

Approvals, Specifications and Recommendations

Specifications:

- API CK-4, API CJ-4, API SN
- ACEA E11, E7

Approvals:

- Cummins CES 20086
- DTFR 15C100
- FORD WSS M2C171-F1
- Mack EOS-4.5
- MAN M3775
- Renault VI RLD-3
- Volvo VDS-4.5

Performance level in line with:

- CAT ECF-3
- CES 20081
- DAF PSQL 2.1E
- Deutz DQC III-18 LA
- Detroit Diesel DFS93K222/218
- MB 228.31
- MTU Oil Category 2.1
- Volvo VDS-4

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
Density @15°C	ASTM D 4052	g/cm^3	0.863
Kinematic Viscosity @100°C	ASTM D 445	mm^2/s (cSt)	12.1
Viscosity Index	ASTM D 2270	-	144
Flash Point COC	ASTM D 92	°C	> 220
TBN	ASTM D 2896	mgKOH/g	9.8
CCS at -25°C	ASTM D5293	mPa·s	5700
Pour Point	ASTM D 97	°C	-42

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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