

PETRONAS Urania Prime

15W-40

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 Prime 15W-40 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.

Suitable for all types of heavy-duty diesel applications including high-output Euro III to Euro V engines fitted with emission control systems using EGR technology and most using SCR NOx reduction systems. It is also suitable for new and old turbocharged and naturally aspirated diesel engines, both on-highway and off-highway, running on high or ultra-low Sulphur diesel and biodiesel.

Approved Daimler Truck Fluid Release (DTFR) 15B110, fully backward compatible and suitable for use for vehicles recommending the previous Daimler MB 228.3 specification.

Fully backward compatible with previous E7-16 classifications.

PETRONAS Urania Prime 15W-40 replaces Urania 3000 15W-40.

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 providing viscosity stability and preventing formation of deposits and sludge to prolong oil life even under severe conditions
- **Keeps the acidic level under control**, preventing corrosion and outstanding protection with high anti-wear properties to protect engines in severe conditions, increasing the durability and the life of your engine
- **Effectively combats high concentration of soot build ups, critical to prevent loss of vehicle horsepower**
- **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:

- ACEA E7
- API CI-4, CH-4, SL, SJ
- JASO DH-1

Approvals:

- Cummins CES 20078
- Deutz DQC III
- DTFR 15B110
- Mack EO-N
- MTU Oil Category 2
- Renault RLD-2
- Volvo VDS-3

Performance Level:

- CAT ECF-1a / ECF-2
- Cummins CES 20077, 20076
- Detroit Diesel DSF 93K215
- IVECO 18-1804 Class T2 E7
- Mack EO-M, EO-M Plus
- MAN M3275
- MB 228.3

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	0.867
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	15.0
Viscosity Index	ASTM D 2270	-	139
Flash Point COC	ASTM D 92	°C	> 230
TBN	ASTM D 2896	mgKOH/g	12.2
CCS at -20°C	ASTM D5293	mPa·s	6500
Pour Point	ASTM D 97	°C	-36

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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