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Product Data Sheet
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PETRONAS Urania Prime 10W-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 10W-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.
Fully backward compatible with previous E7-16 classifications.

PETRONAS Urania Prime 10W-40 replaces Urania 3000 10W-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**
- **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:

- ACEA E7, A3/B4
- API CI-4, CH-4; SN Plus, SN, SL, SJ
- JASO DH-1

Performance Level:

- CES 20078, 20077, 20076
- Mack EO-N
- MAN M3275
- MB 228.3
- Renault RLD-2
- Volvo VDS-3

Note: Always consult your owner's manual to check recommended viscosity grade and specifications for your specific vehicle

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Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	-	-	Bright & Clear
Density @15°C	ASTM D 4052	g/cm^3	0.865
Kinematic Viscosity @100°C	ASTM D 445	mm^2/s (cSt)	14.4
Viscosity Index	ASTM D 2270	-	151
Flash Point COC	ASTM D 92	°C	> 230
TBN	ASTM D 2896	mgKOH/g	11.9
CCS at -25°C	ASTM D5293	mPa·s	6300
Pour Point	ASTM D 97	°C	-39

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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