Product Data Sheet
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PETRONAS Urania 3000 10W-40

Designed with StrongTech™, engineered with core strength to stay stronger for longer

It's tough out there and getting tougher for your commercial transport business. The world is changing at breakneck speed, throwing an ever-growing, intense set of external challenges and pressures your way. Yet, in the face of all this, you are relied upon to get the job done. The same is true of your truck.

Description and Applications

PETRONAS Urania 3000 10W-40 is a semi synthetic engine oil formulated with StrongTech™ technology, engineered to stay stronger for longer, forming a uniquely strong fluid film to extend drain intervals and engine life, maximize performance and keep your business and your trucks moving. This helps in extending engine life and reduces the total cost of ownership.

PETRONAS Urania 3000 10W-40 is suitable for all types of heavy-duty diesel applications including modern, high-output, low emission engines fitted with emission control system using EGR technology. 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 bio-diesel.

Benefits

PETRONAS Urania 3000 10W-40 enhances your Business Profits and your vehicle availability while significantly reducing your operating costs through:

- **Maintains oil at optimal viscosity levels, delivering optimal lubrication to prevent unplanned breakdowns.**
- **Longer Drain Interval and Engine Life** driven by:
  - Excellent control in deposit build ups, delivering optimum fleet's engine performance
  - Keeps the acidic level under control, preventing corrosion and increasing the durability and the life of your engine
  - Longer oil drain capability, especially on low emission engines.

Provides outstanding Driving Experience through:

- **Effectively combats high concentration of soot build ups, critical to prevent loss of vehicle horsepower**
- **Excellent low temperature viscosity for improved lubrication during start-up**

Approvals, Specifications and Recommendations

Specifications:

- API CI-4
- ACEA E7
- Global DHD-1
- JASO DH-1

Performance Level:

- CAT ECF-2, ECF-1a
- Cummins CES 20078/20077
- Detroit Diesel DSF 93K215
- Deutz DQC III
- MAN M3275
- MACK EO-N
- MB 228.3
- MB 229.1
- MTU Type 2
- 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	-	-	Bright & Clear
Density @15°C	ASTM D 4052	g/cm^3	0,868
Kinematic Viscosity @100°C	ASTM D 445	mm^2/s (cSt)	14,2
Viscosity Index	ASTM D 2270	-	153
Flash Point COC	ASTM D 92	°C	220
TBN	ASTM D 2896	mgKOH/g	12
CCS at -25°C	ASTM D5293	mPa·s (cP)	6.140
Pour Point	ASTM D 97	°C	-40

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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