



PETRONAS Urania 5000 ECO 5W-20

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 5000 ECO 5W-20 is a fully 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 5000 ECO 5W-20 is a low SAPS oil that is suitable for latest generation heavy duty diesel applications including modern, high-output, low emission engines fitted with emission control systems using DPF, SCR, DOC and EGR technologies.

PETRONAS Urania 5000 ECO 5W-20 is approved for Scania and MAN Trucks and Buses

Benefits

PETRONAS Urania 5000 ECO 5W-20 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.**
- **Ultimate Fuel Economy** thanks to its low viscosity
- **Better fluid film resistance under sever mechanical stress to deliver enhanced engine durability.**
- **Extended Drain Interval and Engine Life** driven by:
 - o Outstanding protection for emission after-treatment systems such as DPF and DOC with low ash additive system.
 - o Keeps the acidic level under control, preventing corrosion and increasing the durability and the life of your engine
 - o Exceptional 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

Provides outstanding Driving Experience through:

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

Approvals, Specifications and Recommendations

Approvals:

- MAN M3977
- Scania LDF-5

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
Color	-	-	Green
Density @15°C	ASTM D 4052	g/cm ³	0.855
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	8.0
Viscosity Index	ASTM D 2270	-	146
Flash Point COC	ASTM D 92	°C	> 210
TBN	ASTM D 2896	mgKOH/g	13
CCS at -30°C	ASTM D5293	cP	6300
Pour Point	ASTM D5950	°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 refer to product SDS or contact us at: www.pli-petronas.com

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