



Powertron TGDI Ultra 10W-40

*Advanced Synthetic blend New Generation Petrol Engine Oil
(Anti LSPI Technology)*

TECHNICAL DATA SHEET

Product Description:

Veedol Powertron TGDI Ultra 10W-40 is premium quality synthetic blend new generation petrol engine oil specially formulated for latest generation high performance passenger cars equipped with turbocharged gasoline direct injection (TGDI), (GDI) and hybrid engines.

Veedol Powertron TGDI Ultra 10W-40 is blended with advanced technology additive system which exceeds the requirement of sequence IX engine test for LSPI (Low Speed Pre-Ignition), critical requirement for performance in TGDI engines and sequence X engine test for timing chain wear which relates to performance in GDI engines.

Veedol Powertron TGDI Ultra 10W-40 is formulated with high performance base oils fortified with a precisely balanced component additive system. Advanced technology formulation helps to increase engine efficiency while providing outstanding overall engine protection.

Veedol Powertron TGDI Ultra 10W-40 can also be used where OEM are recommending API SN Plus / SN / SM performance categories

Performance Specifications:

Meets & exceeds the performance requirement of

- API SP
- API SN Plus / SN / SM

Features/Benefits:

- Effective protection against LSPI events throughout the drain interval.
- Outstanding engine and chain wear performance.
- Better sludge and deposit control for improved turbocharger cleanliness and extended service life.
- Stable viscosity provides optimum film thickness at all operating temperature range.
- Excellent thermal and oxidation stability for prolong service life.
- Excellent low temperature properties provide easy cold start and prevent wear.
- Helps to achieve optimum engine performance and ensure protection for longer drain interval.
- Better aeration control and corrosion protection.
- Backward compatible for API SN Plus / SN / SM performance categories.
- Aid to minimize exhaust emissions.

Application:

- Recommended for use in cars & vehicles having TGDI/ GDI/ Hybrid/ DOHC/ VVTi/ Turbocharged, supercharged and all naturally aspirated engines.
- Suitable for use in all modern generation cars such as Toyota, Honda, Suzuki, Hyundai, Kia, Mercedes Benz, BMW, Audi, VW, Fiat, Ford, GM Chrysler etc. where OEM recommends API SP grade of oil.
- Also suitable for other passenger cars requiring API SN Plus, API SN, API SM performance category oil.



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Typical Properties:

Test Parameter	Test Method	Typical Value
Kinematic Viscosity, @ 100°C, cSt	ASTM D 445	14.7
Viscosity Index	ASTM D 2270	154
Total Base Number	ASTM D 2896	7.2
Flash Point (COC), °C	ASTM D 92	240
Pour Point, °C	ASTM D 97	-33
CCS Viscosity @-25 °C, mPa.s	ASTM D 5293	6000

Properties mentioned above are typical only and minor variations which do not affect the product performances, are to be expected in normal manufacturing.