



## POWERTRON TGDI

### Advanced Synthetic Blend New Generation Petrol Engine Oil

#### Product Description

Veedol **Powertron TGDI** oils are synthetic blend engine oils formulated with new engine oil additive technology developed specifically for the harsh operating conditions and stringent performance requirements of Turbocharged gasoline direct injection (TGDI) Engines. Veedol Powertron TGDI oils are specially formulated to prevent low-speed pre-ignition (LSPI), the primary requirement for API SN Plus standard and also helps protect the turbocharger components in Turbocharged Gasoline Direct Injection (TGDI) engines. Veedol Powertron TGDI oils provide excellent protection against sludge, engine rust and corrosion, resist oil thickening and foaming. They exhibit enhanced oxidation control under severe service conditions and low temperature operating conditions. Veedol Powertron TGDI oils are available in different viscosities as per OEM recommendations and customer requirements.

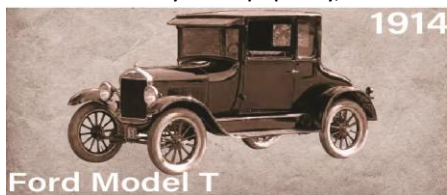
#### Performance Specification

- Veedol Powertron TGDI 5W-20, 5W-30 & 5W-40 meets and exceeds performance requirements of: **API SN Plus/SN/SM/SL | ILSAC GF – 5**
- Veedol Powertron TGDI 10W-40 meets and exceeds performance requirements of: **API SN Plus/SN/SM/SL**



#### Features & Benefits

- Blended with selected additives exceeds requirements of Sequence IX engine test for LSPI (Low Speed Pre-Ignition), critical requirement for performance in TGDI engines.
- Stable Viscosity provides optimum film thickness at all operational temperature range
- Enhances fuel economy and improves engine power.
- Provides excellent thermal and oxidation stability.
- Better sludge and deposit control for extended service life
- Low temperature viscosity results in easy cold start
- Ensures outstanding engine protection for long drain intervals
- Recommended for use in TGDI/GDI/Hybrid/DOHC/VVTI/Turbocharged/Naturally aspirated engines.



Passenger Car Motor Oil



TECHNICAL DATA SHEET

## POWERTRON TGDI

### Advanced Synthetic Blend New Generation Petrol Engine Oil

#### Application

Recommended for use in all modern generation cars such as Toyota, Honda, Suzuki, Hyundai, Kia, Mazda, Mitsubishi, Mercedes-Benz, BMW, Audi, VW, Fiat, Ford GM Chrysler etc.

#### Typical Properties

Test Parameters	ASTM Method	Typical Values			
		5W-20	5W-30	5W-40	10W-40
Density @15°C	D4052	0.850	0.855	0.852	0.8643
Kinematic Viscosity @100°C, cSt	D445	8	10.50	14.5	15.26
Viscosity Index	D2270	150	165	170	155
Total Base Number, mg KOH/gm	D2896	7	7	8.2	7.1
Pour Point, °C	D97	-39	-39	-39	-39
Flash Point (COC), °C	D92	220	226	220	230

\*Properties mentioned above are typical only, and minor variation which do not affect the product performance, are to be expected in normal manufacturing.

