

## Fully Synthetic Passenger Car Motor Oil

Caretta Verge 5W-40 is a cost effective fuel saving MID SAPS technology and used in light duty vehicles fitted with direct injection, turbocharges and after-treatment systems, gasoline catalytic converter, or diesel particulate filter technology.

Caretta Verge 5W-40 is based on high performance base oils in combination with a specially selected additive technology to ensure the following properties:

- Strong Fuel Economy Performance
- Excellent Engine Durability
- Excellent Engine Compatibility
- Good thermal and oxidation stability.
- MID SAPS technology.
- Good protection against wear, foam and corrosion.
- Good low temperature properties, to ensure a smooth cold start.
- Equipped for diesel engines with an exhaust after treatment system.

## Caretta Verge 5W-40 meets the following performance criteria:

API SP	ACEA C3	MB 229.31	MB 229.51
API SN/CF	DEXOS 2	<- 2019 BMW LL-04 applications	

## Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	5W-40
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	852.3
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	86.6
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	14.3
Viscosity Index		ASTM D2270	172
HTHS viscosity @150°C	mPa.s	ASTM D4683	4.1
Viscosity CCS @-30°C	cP	ASTM D5293	6170
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	11.1
Sulphated Ash	%Wt	ASTM D874	1.3