



MOTOR OIL

**SAE 5W30, 10W30,
10W40, 15W40, 20W50**

PERFORMANCE PROFILE:

API SN VW 50200/50300/50500
CCMC G5 /PD-2 MB 229.1, 229.31,
ACEA A3/B3, A5/B5, A1/B1 RENAULT 0700/0710

APPLICATION: Produced by latest technology with high quality virgin Base Oil and advance additives to meet performance level for low volatility to provide premium quality performance. Recommended for use in all light and commercial vehicles with direct injection, turbo charges, multi valves and normal engines; in general for low emission engines with high performance level. It is also compatible for cars using lead free gasoline and catalytic converters. It has intelligent molecules that cling to critical engine parts and provide full protection and cleaning properties by controlling sludge and deposit formation on engine surface.

KEY FEATURES:

- Improved fuel economy by lowering oil consumption due to piston/ring design and oil viscosity
- Enhanced thermal stability at high temperature
- Extremely high control over wear, rust and corrosion to ensure long life of moving parts.
- Outstanding lubrication powers in all seasons
- Longer maintenance intervals
- Excellent fluidity at low temperature ensures good starting
- Excellent protection against oxidation, foaming, low temperature sludge and high temperature deposits
- Properly balanced detergency and dispersancy ensures a clean engine
- Lengthens oil changes period

TECHINICAL DATA:

CHARACTERISTICS	TEST METHOD	TYPICAL VALUE				
		5W30	10W30	10W40	15W40	20W50
Density at 15°C, Kg/L	ASTM D1298	0.884	0.884	0.884	0.886	0.89
Viscosity at 40°C, cSt	ASTM D445	65	70	110	110	170
Viscosity at 100°C, cSt	ASTM D445	7	10	14	14.5	18.5
Viscosity Index	ASTM D2270	100	100	100	115	115
Flash Point, COC, °C	ASTM D92	230	230	230	230	240
Pour Point, °C	ASTM D97	-36	-36	-36	-34	-32
TBN, mgm KOH/gm	ASTM D2896	12.5	12.5	12.5	12.5	12.5