



SAE 5W-40 API SP GF-6A

CORAL 5W-40 API SP fully synthetic motor oil utilizing advanced base oils and next-generation additive technology. specifically engineered to provide superior protection against low-speed Pre-Ignition (LSPI) in modern turbocharged direct injection gasoline engines. exceeds API SP plus requirements and provides exceptional wear protection, engine cleanliness and fuel economy benefits.

SPECIFICATIONS AND MEETS:

API SP, API SN, API SN PLUS ILSAC GF-6,
ACEA C5, DEXOS GEN 3,
CHRYSLER MS-6395, FORD WSS-M2C962

Package : 1 – 4 – 5 – 208

PROPERTY	VALUE	TEST METHOD
Appearance	Clear to light liquid	VISUAL
Density @ 15°C	0.856 g/cm ³	ASTM D4052
Viscosity @ 40°C	88 cSt	ASTM D445
Viscosity @ 100°C	14.4 cSt	ASTM D445
Viscosity Index	170	ASTM D2270
Pour Point	-43 °C	ASTM D97
Flash Point (COC)	232 °C	ASTM D92

APPLICATIONS

- High-performance
- Turbocharged engines.
- European cars
- All-season use

PROPERTY	VALUE	TEST METHOD
Total Base Number (TBN)	8	ASTM D2896
Total Acid Number (TAN)	2	ASTM D664
Sulfated Ash	<0.8 wt	ASTM D874
Boron Content	65 PPM	ICP
Molybdenum Content	100 PPM	ICP
Zinc Content	1000 PPM	ICP
Phosphorus Content	500 PPM	ICP
Calcium Content	2500 PPM	ICP
Magnesium Content	200 PPM	ICP
Oxidation Stability	Very high	ASTM D943
Nitration Level	Very low	FTIR

BENEFITS

- Improved Cold Start Performance
- Better Fuel Efficiency
- Engine Protection
- Enhanced Engine Performance
- Reduced Emissions

ELEMENT ANALYSIS	PASS/FAIL	ASTM D5185
Water Content	<0.05 PPM	ASTM D6304
Dispersant Level	Optimized for LSP	IR Analysis
SEQUENCE I (24°C):		
Tendency	0-50 ml	ASTM D892
Stability	0-10 ml	ASTM D892