



ATLANTIC SUPER SYNTECH HYBRID

FULLY SYNTHETIC ENGINE OIL SAE 0W-16 API SP

Engine Oils Formulated with 100% Synthetic Oil

DESCRIPTION

ATLANTIC SUPER SYNTECH HYBRID FULLY SYNTHETIC ENGINE OIL API SP is a premium quality, full-synthetic automotive engine oil designed to provide maximum engine protection for both turbocharged gasoline direct injection, conventional gasoline-fueled and flex-fueled passenger cars and light trucks under all operating conditions. It is particularly recommended for vehicles operating at extreme temperatures or under severe driving conditions, such as towing heavy loads.



APPLICATIONS

ATLANTIC SUPER SYNTECH HYBRID FULLY SYNTHETIC ENGINE OIL API SP meets new car warranty requirements as defined by ILSAC GF-6B. It is uniquely formulated to help combat low speed pre-ignition (LSPI) in turbocharged gasoline direct injection engines. It meets or exceeds "Resource Conserving" requirements for fuel economy improvement, emission system and turbocharger protection, and protection of engines operating on ethanol-containing fuels up to E85.

PROPERTIES

ATLANTIC SUPER SYNTECH HYBRID FULLY SYNTHETIC ENGINE OIL API SP is formulated with synthetic base stocks. The full synthetic formulation provides improved protection against viscosity breakdown and deposit formation at high temperatures; lower volatility for reduced oil consumption; and faster oil circulation at low temperatures for easier starting and better protection during cold starts when compared with conventional engine oils

PERFORMANCE FEATURES AND BENEFITS PROPERTIES

- Protects against rust and bearing corrosion
- Low volatility for reduced oil consumption
- Helps protect against low speed pre-ignition (LSPI) in turbocharged gasoline direct injection engines (TGDI)
- Excellent low temperature pump ability for protection during cold starts
- Outstanding resistance to viscosity and thermal breakdown at high temperatures
- Enhanced performance benefits at extreme temperatures compared with conventional engine oils
- Highly resistant to foaming
- Meets ILSAC GF-6B requirements for new cars under warranty
- Formulated to protect turbochargers and emission control system catalyst

RECOMMENDATIONS / SPECIFICATIONS

International Standards: API Service SP, SN PLUS with Resource Conserving

Full Synthetic Motor Oil is licensed for: ILSAC - GF-6 B

Meets quality requirements of most gasoline engine manufacturers in the USA, Europe, Japan and Korea

TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J300	0W-16
PRODUCTS CODE:	PCMO-24003
Density at 15°C, g/ml, ASTM D4052	0.846
Color ASTM D4052	L3.0
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5000@-35°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	37.3
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	7.3
Viscosity Index, ASTM D2270	163
Flash Point(COC), °C, ASTM D92	220
Pour Point, °C, ASTM D97	-45
Total Base Number (TBN), mg KOH/g, ASTM D2896	8.5

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

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* supersedes all previous versions

Packing : 700 ml ,800 ml , 1L , 2L, 3L, 4L, 5L, 6.5L, 7L, 8L,16L,18L, 20L, 25L, 200L, 205L, 208L, 210L