



ATLANTIC NEOTERIC ENGINE OIL API SP

(Engine Oils Formulated with 100% Synthetic Oil)

DESCRIPTION

ATLANTIC NEOTERIC ENGINE OIL API SP is Synthetic Motor Oil 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 NEOTERIC ENGINE OIL API SP is fully Synthetic Motor Oil exceeds new car warranty requirements as defined by ILSAC GF-6. 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 NEOTERIC ENGINE OIL API SP is Synthetic Motor Oil 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

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

Recommendations / Specifications

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

Full Synthetic Motor Oil is licensed for: ILSAC GF-6A, (0W-16, 0W-20, 5W-20, 5W-30, 10W-30)

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

Typical Properties					
SAE GRADE	0W-16	0W-20	5W-20	5W-30	10W-30
Specific Gravity @ 15.5°C	0.835-0.845	0.835-0.845	0.835-0.850	0.835-0.855	0.835-0.855
Color ASTM D4052	L3.0	L3.0	L3.0	L3.0	L3.0
Flash Point (COC), °C	220	230	226	234	236
POUR POINT, °C	-45	-45	-42	-42	-39
Viscosity, Kinematic					
cSt @ 40 °C	37.3	45.2	45.4	63	69.7
cSt @ 100 °C	7.3	8.5	8.7	11.1	11.8
Viscosity Index	163	168	165	167	166
Cold Cracking Viscosity, cP	5000	5900	3650	4900	4000
@ (°C)	(-35)	(-35)	(-30)	(-30)	(-25)
High Temp/High Shear Viscosity, cP @ 150 °C	2.36	2.6	2.68	3.11	3.17
Total Base Number (TBN), ASTM D2896	7.2	7.1	7.2	7.1	7.1

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

ATL/PDS/AL/002A/0*, 10.08.15, Page 1/1
* supersedes all previous versions

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.