

## ATLANTIC NEOTERIC ULTRA SYNTHETIC ENGINE OIL SAE 10W-40 API SP

*(Premium Synthetic Passenger Car Engine Oil)*

### DESCRIPTION

ATLANTIC NEOTERIC ULTRA SYNTHETIC ENGINE OIL API SP is a premium quality, synthetic automotive engine oil designed to provide excellent engine protection for both turbocharged gasoline direct injection, conventional gasoline-fueled and flex-fueled passenger cars and light trucks under all operating conditions. ATLANTIC NEOTERIC ULTRA SYNTHETIC ENGINE OIL API SP is formulated to provide excellent wear protection, to minimize sludge and varnish formation, and to resist viscosity and thermal breakdown, even in severe service. It also protects against rust and bearing corrosion, and is resistant to foaming. It is uniquely formulated to help combat low speed pre-ignition (LSPI) in turbocharged gasoline direct injection engines. It is backward serviceable for use where API SN or earlier "S" category engine oils are recommended.



### APPLICATIONS

- Turbocharged gasoline direct injection, conventional gasoline-fueled and flex-fuel passenger cars, light trucks and sport utility vehicles, including gasoline-electric hybrids, especially when operating under severe conditions
- Four-stroke cycle gasoline engines in other mobile or stationary equipment

### PRODUCT FEATURES & BENEFITS

- Helps protect against low speed pre-ignition (LSPI) in turbocharged gasoline direct injection engines (TGDI)
- Friction-modified for improved fuel economy
- Excellent resistance to viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Protects against wear and bearing corrosion
- Low volatility for reduced oil consumption
- Highly resistant to foaming
- Formulated to protect turbochargers and emission control system catalysts
- Formulated for use in vehicles operating on ethanol-containing fuels up to E85

### RECOMMENDATIONS / SPECIFICATIONS

International Licenses;

- API Service SP, SN PLUS

Meets or exceeds the requirements of:

- Chrysler MS-6395

### TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J300	<b>10W-40</b>
PRODUCT CODE	11458HT-7
Density at 15.6°C, g/ml, ASTM D4052	0.847
Color, ASTM 6045	3.0
Cold Cranking Viscosity (CCS), mPa s, ASTM D5293	5800@-25°C
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	82.55
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445	14.2
Viscosity Index, ASTM D2270	170
Flash Point(COC), °C, ASTM D92	226
Pour Point, °C, ASTM D97	-42
Total Base Number, mg KOH/g, ASTM D2896	7.0
Sulfated Ash, wt%, ASTM D 874	0.8
High-Temperature/High-Shear Viscosity @ 150°C, cP, ASTM D4683	4.1
Phosphorus, wt %, ASTM D5185	0.077
Zinc, wt %, ASTM D5185	0.085

**Health and Safety:** This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.

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