



BLUENERGY YALE IGNITE SAE 10W30 API SQ/ ILSAC GF-7A

Advanced Technology-Extra High Performance Multigrade Gasoline Engine Oil

PRODUCT DATA SHEET

Product Description

Bluenergy yale Ignite SAE 10W30 API SQ/ ILSAC GF-7A is advanced next-generation lubricants formulated with high-quality synthetic base oils and uniquely designed additive system to meet the most recent global standards for gasoline engines. Designed to deliver excellent fuel economy benefits, they help reduce frictional losses and improve efficiency without compromising engine protection. These oils provide superior wear control, oxidation stability, and deposit resistance, ensuring long engine life even under severe operating conditions. The formulations are optimized to protect modern Turbocharged Gasoline Direct Injection (TGDI) engines against Low Speed Pre-Ignition (LSPI) events Meeting the latest API SQ and ILSAC GF-7A requirements. its an ideal choice for modern passenger cars, SUVs, and light-duty gasoline vehicles requiring high-performance low-viscosity engine oils.

Features & Benefits

- Provides excellent fuel economy by reducing friction and improving overall engine efficiency.
- Ensures superior wear protection and extends engine life under severe operating conditions.
- Offers reliable Low Speed Pre-Ignition (LSPI) protection for modern turbocharged GDI engines.
- Maintains clean engine performance with excellent sludge and deposit control.
- Guarantees fast cold-start performance with exceptional low-temperature fluidity.
- Protects emission control systems including catalytic converters and other after-treatment devices.

Specifications

Bluenergy yale Ignite SAE 10W30 API SQ/ILSAC GF-7A meets or exceeds following International and Builder specification:

- API SQ, SP, SN Plus, SN, SM, SL, SJ
- ILSAC GF-7A, ILSAC GF-6A
- Ford, GM (non dexos1), HONDA, Toyota, Hyundai, Nissan
- Chrysler MS-6395
- Fiat 9.55535-CR-1

Applications

Bluenergy Engine yale Ignite SAE 10W30 API SQ/ILSAC GF-7A is suitable for use in following:

- Specially designed for turbocharged and naturally aspirated gasoline engines, including GDI engines.
- Suitable for vehicles requiring backward compatibility with API SP, SN PLUS, SN, or ILSAC GF-6A oils.
- Ideal for highway cruising, and extreme temperature conditions, ensuring reliable lubrication.
- Recommended for modern gasoline engines in passenger cars, SUVs and light duty trucks requiring API SQ requirements.

TYPICAL CHARACTERISTICS

Bluenergy yale Ignite	Test Method	Units	10W30
Density @ 15 °C	ASTM D 4052	gm/cc	0.868
Viscosity @ 100 °C	ASTM D 445	cSt	10.4
Viscosity @ 40 °C	ASTM D 445	cSt	62.6
Viscosity Index	ASTM D 2270	-	156
Pour Point	ASTM D 97	°C	-36
Flash Point (COC)	ASTM D 92	°C	220
Total Base Number	ASTM D 2896	mg KOH/g	7.0
Phosphorous	ASTM D 4951	% wt	0.07
CCS Viscosity	ASTM D 5293	cP @-25°C	5550

These characteristics are typical of current product methods whilst future production will confirm to Bluenergy lubricants specifications, variations in these physical characteristics may occur.

Protect the Environment

Take used oil to an authorized collection point or to be recycled. Do not discharge used or new oil into drains, soil or water.

Additional Information

Based on available information, this product is not expected to produce adverse effect on health when used for the Applications referred to above and the recommendations provided in safety data sheet are followed. guidance on health and safety is available on the appropriate material safety data sheet(MSDS) which can be obtained from www.Bluenergylubes.com