



BLUENERGY YALE IGNITE API SQ/ILSAC GF-7A SERIES

Advanced Technology-Extra High Performance Multigrade Gasoline Engine Oil

PRODUCT DATA SHEET

Product Description

Bluenenergy yale Ignite API SQ/ILSAC GF-7A series are 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, They are the 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

Bluenenergy yale Ignite API SQ/ILSAC GF-7A series meets or exceeds following International and Builder specification:

- API SQ, SP, SN Plus, SN, SM, SL, SJ
- ILSAC GF-7A, GF-6A
- General Motors Dexos1 Gen3
- GM 6094M, Chrysler MS-6395, Fiat 9.55535-CR1
- BYD, GEELY, CHERY, GWM, HAVAL, CHANGAN
- HONDA, TOYOTA, NISSAN, MAZDA, LEXUS
- HYUNDAI, MITSUBHISHI, KIA, GENESIS
- API SQ resource conserving, SP resource conserving, SN+ resource conserving, SN resource conserving.
- Ford WSS-M2C946-A/B1, WSS-M2C929-A, M2C961-A1

Applications

Bluenenergy yale Ignite API SQ/ILSAC GF-7A series 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.

For further information, please contact: info@Bluenenergylubes.com

TYPICAL CHARACTERISTICS

Bluenergy yale Ignite	Test Method	Units	5W20	5W30
Density @ 15 °C	ASTM D 4052	gm/cc	0.845	0.848
Viscosity @ 100 °C	ASTM D 445	cSt	8.5	10.4
Viscosity @ 40 °C	ASTM D 445	cSt	46.9	61.2
Viscosity Index	ASTM D 2270	-	160	160
Pour Point	ASTM D 97	°C	-39	-39
Flash Point (COC)	ASTM D 92	°C	225	225
Total Base Number	ASTM D 2896	mg KOH/g	7.0	7.0
Sulphated Ash	ASTM D 874	% wt	0.7	0.7
CCS Viscosity	ASTM D 5293	cP @-30°C	5150	5150

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