

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

Advanced Technology-Extra High Performance Multigrade Gasoline Engine Oil

PRODUCT DATA SHEET

Product Description

Bluenergy yale Ignite API SQ/ILSAC GF-7A series are advanced formulations developed to meet the latest global gasoline engine oil standards, engineered with high-performance synthetic base oils and a carefully balanced additive technology package designed for enhanced protection and fuel efficiency. It deliver superior wear protection, sludge and deposit control, and excellent resistance to oxidation under high-temperature operating conditions. Fully compatible with modern emission control systems (including catalytic converters and GDI engines), it help reduce LSPI (Low Speed Pre-Ignition) risks and extend engine life. it provide outstanding low-temperature fluidity, ensuring quick cold starts and rapid lubrication in extreme climates. Meeting API SQ and ILSAC GF-7A requirements.

Features & Benefits

- Provides excellent fuel economy improvement through advanced low-viscosity formulation.
- Ensures outstanding wear protection and extends engine life under severe conditions.
- Offers reliable Low Speed Pre-Ignition (LSPI) protection for modern turbocharged GDI engines.
- Maintains superior cleanliness with excellent sludge and deposit control.
- Guarantees quick lubrication and easy cold starts in extreme low temperatures.
- Protects emission control systems with optimized phosphorus and low volatility formulation.

Specifications

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

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|---|-------------------------------------|
| • API SQ, SP, SN, SM | • ILSAC GF-7A |
| • GM dexos1 Gen3 | • Chrysler MS-6395 |
| • Ford WSS-6395 | • Ford WSS-M2C962-A1 for 0W-20, etc |
| • TOYOTA, LEXUS, NISSAN, MAZDA, HYUNDAI, KIA (0W20) | |
| • HONDA/ACURA HTO-06 | • SUBARU |
| • Other Asian& north American OEMs | |

Applications

Bluenergy yale Ignite API SQ/ILSAC GF-7A series is suitable for use in following:

- Recommended for use in modern gasoline passenger cars, SUVs, and light-duty trucks requiring API SQ / ILSAC GF-7A performance levels.
- Specially formulated for turbocharged, gasoline direct injection (TGDI) and naturally aspirated engines.
- Suitable for vehicles where API SP, SN PLUS, SN or ILSAC GF-6A / GF-5 specifications are required, ensuring backward compatibility.
- Ideal for highway cruising and extreme temperature conditions requiring rapid lubrication.

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

Typical Characteristics

Bluenergy yale Ignite	Test Method	Units	0W20	0W30
Density @ 15 °C	ASTM D 4052	gm/cc	0.840	0.845
Viscosity @ 100 °C	ASTM D 445	cSt	8.4	10.8
Viscosity @ 40 °C	ASTM D 445	cSt	44.8	64
Viscosity Index	ASTM D 2270	-	165	160
Pour Point	ASTM D 97	°C	-42	-42
Flash Point (COC)	ASTM D 92	°C	220	220
Total Base Number	ASTM D 2896	mg KOH/g	7.0	7.0
Sulphated Ash	ASTM D 874	% wt	0.8	0.8
CCS Viscosity	ASTM D 5293	cP @-35	5560	5600

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