

LBR X SAE 10W-30 API SP/ILSAC GF-6A

MULTIGRADE MINERAL OIL FOR GASOLINE ENGINES

DESCRIPTION

Formulated for today's engine designs. LBR X SAE 10W-30 API SP/ILSAC GF-6A is a mineral oil that offers optimum engine protection and performance. Made with mineral base stocks and advanced chemistry that provides excellent protection against wear and oxidation, while improving oil properties over time, retaining viscosity, friction and anti-wear benefits despite high operating temperatures inside the engine. Designed to improve fuel economy and enhance power and acceleration. Designed for extreme hot and cold driving conditions: stop and go, frequent short trips. Meets API SP and ILSAC GF-6A requirements.

BENEFITS

- **Minimizes LSPI.**
Protects modern TGDl and GDI engines against severe damage caused by LSPI (Low Speed Pre-Ignition). Technology that reduces up to 5 times the probability of a pre-ignition event occurring at low speed.¹
- **Fuel economy.**
Fuel savings up to 27% more than previous ILSAC technology² and reduced harmful emissions to the atmosphere.
- **Extended drainage.**
Reduces maintenance costs due to its complete protection in extreme conditions.

Prevents the accumulation of sludge and deposits in the engine thanks to its detergent and dispersant technology.

- **Wear protection.**
Antifriction technology that controls metal-to-metal wear.
Excellent fluidity at low temperatures facilitating starting in cold climates.
- **Compatible with E85 fuels.**
Offers protection to engines that operate with fuels with ethanol content higher than E85.

SPECIFICATIONS

- API SP
- ILSAC GF-6
- API Resource Conserving

APPLICATIONS

LBR X SAE 10W-30 API SP/ILSAC GF-6A is recommended for service in gasoline engines of late model and older vehicles with additional protection against pre-ignition at low speeds. Consult your vehicle manual for the correct viscosity grade.

1. According to the results obtained in Sequence IX.

2. According to the results ILSAC GF5 Vs. ILSAC GF6 in Sequence VIE.

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CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
SAE Grade	SAE J300	10W-30
Appearance	Visual	Bright
Color	ASTM D1500	2.0
Density @ 20°C, g/cm ³	ASTM D4052	0.87
Kinematic Viscosity @ 40 °C, cSt	ASTM D445	71
Kinematic Viscosity @ 100 °C, cSt	ASTM D445	11
Viscosity Index	ASTM D2270	136
Flash Point COC, °C	ASTM D92	220
Pour Point, °C	ASTM D97	-30
TBN, mg KOH/g	ASTM D2896	7
Cold Cracking Simulator CSC, cP @-25°C	ASTM D5293	6,400
Foam Tendency mL, máx.	ASTM D892	
Sequence I		10/0
Sequence II		50/0
Sequence III		10/0

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations that do not affect the yield product during the normal manufacturing and on different mixing locations are expected. Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact venta@lubral.com